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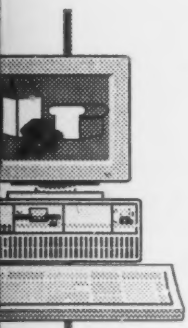
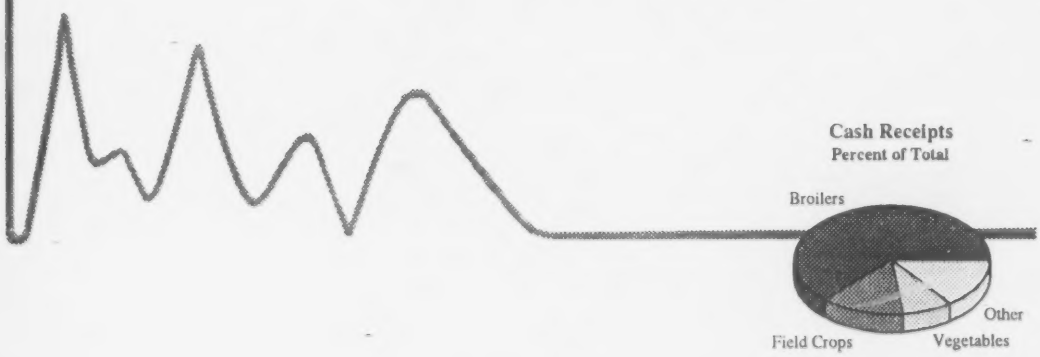


Delaware Agricultural

Statistics Summary

1990



STATE OF DELAWARE
DEPARTMENT OF AGRICULTURE

Dear Friend of Agriculture:

I am pleased to present the 1990 summary of Delaware Agricultural Statistics.

Agriculture continues to be the State of Delaware's Number One industry providing us with the essential food and fiber we have come to depend on. Over the years, Delaware has established itself as a leader in the field of agriculture, ranking in the nation's top ten in numerous categories.

The summary of Delaware's Agricultural Statistics is the result of many hours of dedicated work by a number of individuals. I would like to thank Tom Feurer, State Statistician, National Agricultural Statistics Service, USDA, and Bruce West, State Statistician, National Agricultural Statistics Service, and his staff at the Maryland Statistics Service for their assistance with the publication of this document. In addition, I would like to extend a special thanks to the many farmers who once again took time away from their busy schedules to furnish the information that appears in this document. Needless to say, without all of your help this job could not have been completed.

I hope that you will find this information helpful in making those important decisions which will determine the future of Delaware agriculture.

Sincerely,

Wm. B. Chandler, Jr.

William B. Chandler, Jr.
Secretary of Agriculture

DELAWARE AGRICULTURAL STATISTICS

SUMMARY FOR 1990

Issued cooperatively by

Delaware Department of Agriculture
William B. Chandler, Jr., Secretary of Agriculture
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National Agricultural Statistics Service
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August 1991

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	Page
FOREWORD	iii
1990 Delaware Agriculture Highlights	1
Farm Numbers And Acreage	2
Real Estate Value	2
Cash Rents	2
Crops: Summary	3
Crops Charts, Delaware	4
Crops: Acreage, Yield, Production and Value; Delaware	5
Crops: Acreage, Yield, Production, Value; United States	7
County Estimates: Soybean Chart	9
County Estimates: Soybean Table	10
County Estimates: Corn Chart	11
County Estimates: Corn Table	12
County Estimates: Wheat Chart	13
County Estimates: Wheat Table	14
County Estimates: Barley Chart	15
County Estimates: Barley Table	16
Delmarva Crop Production	17
Apple and Peach Production	18
Mushrooms Production	18
Vegetables: Acreage, Yield, Production and Value	19
Vegetable Charts	20
Vegetables, County Estimates	21
Vegetables, Processing	22
Poultry	23
Broilers: Weekly Set, Hatch, Placements	24
Broiler Production and Value	25
Broiler Hatch By Month	25
Number Hatcheries, Capacity	25
Egg Production By Quarter	26
Egg Production, Disposition	26
Chicken Inventory and Value	27
Chickens and Turkeys: Production, Disposition and Value	27
Dairy and Livestock	28
Milk Production, Cows By Quarter	29
Grain and Concentrates Fed To Dairy Cows	29
Milk Cows and Production	30
Milk Disposition	30
Number of Milk Cow Operations	30
Number Livestock Farms	31
Number and Value By Species	31
Cattle and Hogs: Number By Classes	32
Sows Farrowed and Pig Crops	32
Meat Animals: Inventory, Supply and Disposition	33
Meat Animals: Production and Income	33
Dairy Charts	34
Livestock Charts	35
Slaughter: Delaware and Maryland	36
Income and Prices	37
Cash Receipts By Commodity	38
Farm Income and Expenses	39
Farm Production Expenditures	40
Delaware Cash Farm Receipts Chart	41
Prices Received By Commodity	42
1987 Census of Agriculture, County Data	44
Fertilizer Consumption	45
Fertilizer and Pesticide Use	46
Delaware Climate Data	47
Reports Subscription Form	48

FOREWORD

For some in The First State 1990 was a remarkable year. On the favorable side we saw some significant increases in crop yields, including new record highs for soybeans, corn and hay, and continued growth in our broiler industry. Frost once again virtually eliminated hopes of a decent supply of our own peaches, while potato growers saw the best yields since 1985. Along with this bounty came generally lower prices, however, and Delaware farm income made its first decline since 1987.

In 1990 increased emphasis fell on use of fertilizer and pesticides on the crops we grow. Three different surveys conducted through this office showed a remarkably high level of record-keeping by farm operators. Thanks to the cooperation of many of our farmers, commercial applicators, Extension personnel, and many others, more objective data -- as opposed to assumptions -- on chemical use is becoming available.

Jason Frederick, a senior at Delaware State College, put a lot of effort into getting this year's summary together, with much assistance from our staff in Annapolis. I also want to acknowledge the thousands of hours of effort our telephone and field enumerators put forth during the year collecting so much of the data used to prepare our reports.

We present more graphic examples of the performance of Delaware's Number 1 industry this year, and hope you find this information helpful.

Sincerely,

Thomas W. Feurer

Thomas W. Feurer
State Statistician

1990 Delaware Agriculture Highlights

Number Of Farms	2,900	Gross Farm Income	$669,000,000
Average Size Farm, acres	197	Farm Prod. Expenses	$494,500,000
Value Of Land & Bldgs.	$1,281,000,000	Gross Income Per Farm	$230,700
Average Value Per Operating Unit	$441,700		

Poultry, Livestock And Products

Commodity	Inventory	Production	Cash Receipts
Broilers	---	1,158,500,000 lbs.	$405,475,000
Broilers	---	231,700,000 head	-----
Milk	---	122,000,000 lbs.	18,029,000
Eggs	---	170,000,000 eggs	16,575,000
Hogs And Pigs (Dec. 1, 1990)	31,000	13,704,000 lbs.	6,888,000
Cattle And Calves (Jan. 1, 1991)	28,000	11,940,000 lbs.	9,228,000
Farm Chickens (Dec. 1, 1990)	1,063,000	-----	500,000
Miscellaneous (Honey, Beeswax, Horses, Sheep And Lambs, etc.)		-----	3,137,000
Total Livestock & Livestock Products			$459,832,000

Crops And Products

Commodity	Acres Harvested	Production	Cash Receipts
Soybeans	199,000	6,766,000 bu.	$41,908,000
Corn For Grain	172,000	19,780,000 bu.	35,593,000
Greenhouse And Nursery	----	-----	33,000,000
Potatoes	8,200	2,009,000 cwt.	25,113,000
Wheat	60,000	3,060,000 bu.	7,802,000
Barley	27,000	1,890,000 bu.	3,114,000
Hay	23,000	68,000 tons	1,192,000
Other Field Crops	----	-----	192,000
Sweet Corn (Processing)	6,100	35,200 tons	2,517,000
Green Peas (Processing)	8,800	15,840 tons	4,229,000
Mushrooms	----	6,698,000 lbs.	5,100,000
Other Vegetables And Melons	----	-----	21,487,000
Apples	----	17,000,000 lbs.	2,864,000
Peaches	----	200,000 lbs.	83,000
Other Fruits	----	-----	542,000
Total All Crops	----	-----	$184,736,000
All Commodities	----	-----	$644,568,000

Farm Numbers and Acreage, 1940 - 1990

Year	Delaware			U.S.		
	Number of Farms	Acres Per Farm	Total Land In Farms	Number of Farms[1]	Acres Per Farm	Total Land In Farms
			Thous. Acres	Thous. Farms		Million Acres
1940	8,994	100	896	6,079	175	1,061
1950	8,300	109	904	5,648	213	1,202
1960	5,600	143	800	3,963	297	1,176
1970	3,900	183	715	2,949	374	1,102
1975	3,700	186	690	2,521	420	1,059
1980	3,500	186	650	2,440	426	1,039
1981	3,500	186	650	2,440	424	1,034
1982	3,500	189	660	2,407	427	1,028
1984	3,600	183	660	2,334	436	1,018
1985	3,500	186	650	2,293	441	1,012
1986	3,200	200	640	2,250	447	1,005
1987	3,100	200	620	2,213	451	999
1988	3,000	197	590	2,197	453	995
1989	3,000	197	590	2,173	457	991
1990	2,900	197	570	2,143	461	988

[1]Prior to 1975 a farm was considered any place with less than 10 acres having sales of $250 or more or places of 10 acres or more with $50 of sales. Beginning in 1975 the definition of a farm is a place that sells or normally would sell $1,000 of agricultural products.

Real Estate Value, Delaware 1975 - 1991[1]

Year	Value of Land & Buildings		Total Value of Farm Buildings	Average Value Per Operating Unit
	Total	Per Acre		
	Million Dollars	Dollars	Million Dollars	Dollars
1975	670	971	110	181,100
1980	1,141	1,798	216	326,000
1984	1,214	1,840	240	337,272
1985	1,037	1,596	234	296,344
1986	1,078	1,684	281	336,731
1987	1,040	1,677	292	335,380
1988	1,041	1,765	304	347,117
1989	1,214	2,058	351	404,740
1990	1,288	2,259	345	444,010
1991	1,281	2,248	331	441,848

[1]Values for 1984 - 1990 have been revised

Cash Rents For Specified Categories, Delaware 1982 - 1991

Item	1982	1984	1985	1986	1987	1988	1989	1990	1991
				Dollars Per Acre					
All Farms	57.50	66.22	63.30	64.00	59.50	55.20	52.30	60.60	59.70
Crop Land	60.50	66.90	66.80	64.50	61.40	51.70	57.10	49.30	53.30

1990 Crops Summary

General

Precipitation was generally above normal during the fall 1989 seeding time, and then near average until May 1990. These favorable conditions generally held through to harvest and resulted in significant increases in yields from the previous year. Total precipitation for the year was just 0.68 inches above normal.

Temperatures at the beginning of the year were at or slightly below normal, allowing some early field preparation. Sub-freezing temperatures March 27-28 virtually eliminated the state's peach crop and significantly lowered the late-variety apple crop.

Soybeans

Delaware's **soybean** growers produced 6.77 million bushels in 1990, 7 percent below 1989. The 200 thousand acres planted was down 22 percent from the previous year, while yield was up by 5 bushels. Earlier-than-normal harvesting of wheat and barley allowed farmers to get double-crop soybeans planted early, and some of the acreage actually had yields as high as full season soybeans. Favorable fall conditions saw the crop all but harvested by Thanksgiving, whereas it's normally only 75 percent complete by then.

Corn

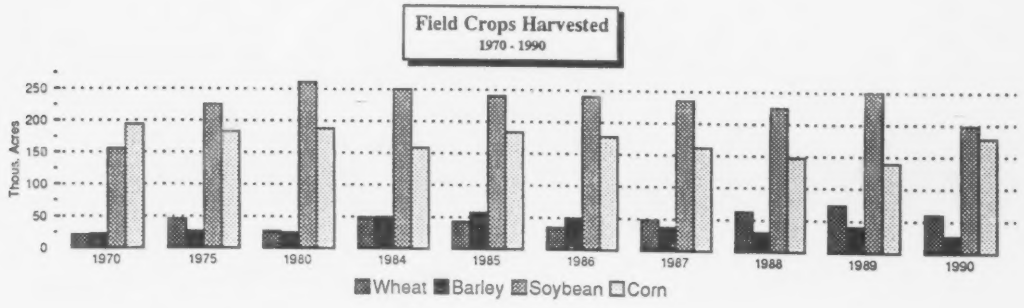
Corn planting reversed its 4-year decline to return to its 1986 level of 180 thousand acres. A period of very high temperatures and no rain broke the first week of July, so that weather conditions were very favorable just as most of the crop was silking. Yields were significantly above 1989. Corn for grain was up to a record high 115 bushels per acre, compared to the 100 bushels of 1989. Silage yield was unchanged at 16 tons per acre. Production for grain was a record 19.8 million bushels, 49 percent above the previous year.

Sorghum

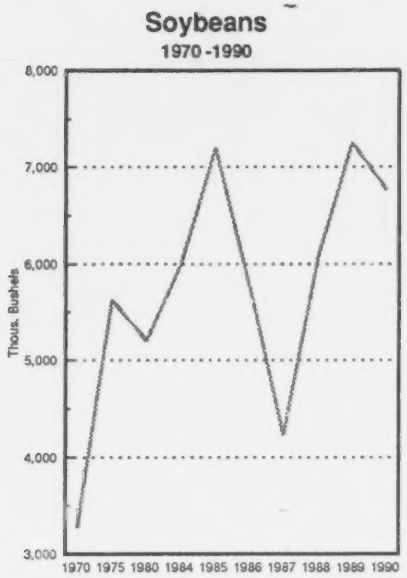
Delaware produced 496 thousand bushels of grain **sorghum** (milo) in 1990 (only the second year we have made an estimate for this crop), just slightly above the 1989 level. Acreage was up 3 percent from 1989, but yield fell 2 bushels to average 73 bushels per acre.

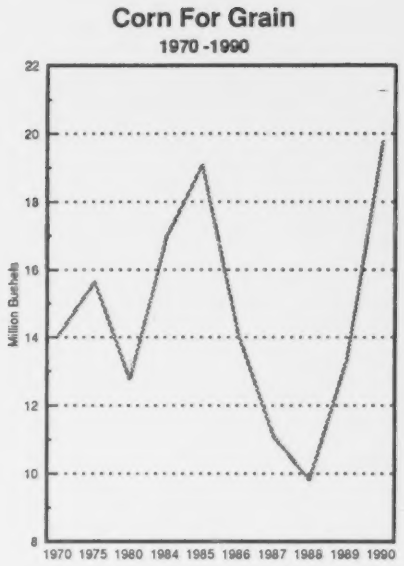
Small Grains

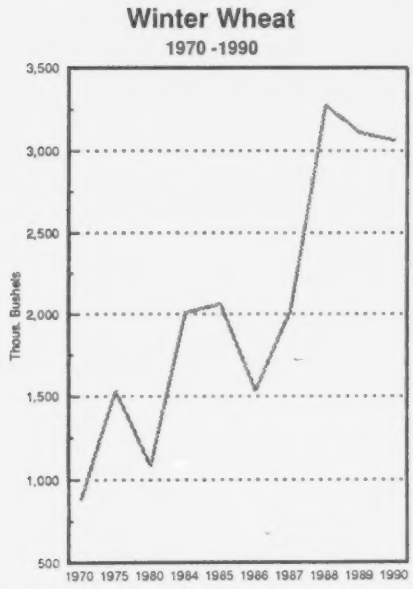
Wheat and barley were sowed in the fall of 1989 generally ahead of normal due to early harvest of corn and soybeans. A 19 percent decrease in the acres of **wheat** for grain more than offset the 9 bushel increase in yield to 51 bushels. Wheat production, at 3.1 million bushels, was 2 percent below 1989. **Barley** acres fell to their lowest level in 10 years -- to 27 thousand acres for grain. Yield increased 15 bushels to 70, and the 1.9 million bushels produced was down 14 percent from 1989.

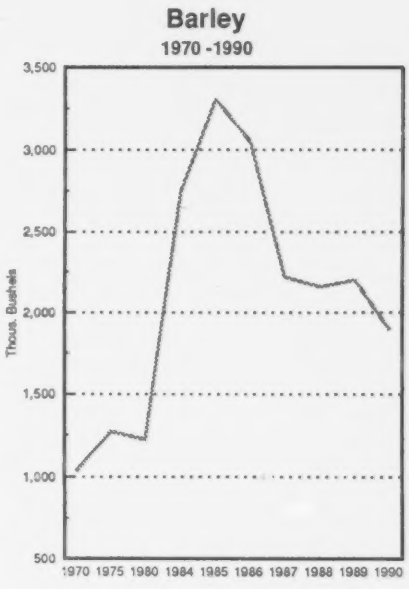


Crop Production:









Delaware Agricultural Statistics Service 6/91

Field Crops: Acreage, Yield, Production and Value, Delaware 1970 - 1990

Crop	Year	Acreage		Unit	Production		Season Average Price	Value of Production
		Planted	Harvested		Per Acre	Total		
		Thous. Acres				Thous.	Dollars Per Unit	Thous. Dollars
Soybeans	1970	159	156	Bu.	21.0	3,276	2.88	9,435
	1975	228	225	Bu.	25.0	5,625	4.70	26,438
	1980	265	260	Bu.	20.0	5,200	8.00	41,600
	1984	260	250	Bu.	24.0	6,000	5.87	35,220
	1985	245	240	Bu.	30.0	7,200	5.00	36,000
	1986	245	240	Bu.	24.0	5,760	4.84	27,878
	1987	240	235	Bu.	18.0	4,230	5.90	24,957
	1988	230	225	Bu.	27.0	6,075	7.56	45,927
	1989	255	250	Bu.	29.0	7,250	5.60	40,600
	1990	200	199	Bu.	34.0	6,766	5.70	38,566
Corn, All	1970	195	194	--	---	---	---	---
	1975	184	183	--	---	---	---	---
	1980	190	188	--	---	---	---	---
	1984	160	159	--	---	---	---	---
	1985	185	184	--	---	---	---	---
	1986	180	178	--	---	---	---	---
	1987	165	162	--	---	---	---	---
	1988	150	148	--	---	---	---	---
	1989	140	139	--	---	---	---	---
	1990	180	179	--	---	---	---	---
Corn, For Grain	1970	---	185	Bu.	76.0	14,060	1.48	20,809
	1975	---	170	Bu.	92.0	15,640	2.61	40,820
	1980	---	177	Bu.	72.0	12,744	3.68	46,898
	1984	---	150	Bu.	113.0	16,950	2.95	50,003
	1985	---	175	Bu.	109.0	19,075	2.45	46,734
	1986	---	169	Bu.	83.0	14,027	1.77	24,828
	1987	---	148	Bu.	75.0	11,100	2.10	23,310
	1988	---	140	Bu.	70.0	9,800	3.01	29,498
	1989	---	133	Bu.	100.0	13,300	2.65	35,245
	1990	---	172	Bu.	115.0	19,780	2.40	47,472
Corn, Silage	1970	---	8	Tons	14.0	112	10.20	1,142
	1975	---	12	Tons	13.5	162	17.40	2,610
	1980	---	10	Tons	13.8	138	23.50	3,243
	1984	---	8	Tons	16.0	128	21.00	2,688
	1985	---	7	Tons	15.0	105	16.00	1,680
	1986	---	9	Tons	11.0	99	---	---
	1987	---	14	Tons	9.0	126	---	---
	1988	---	8	Tons	13.0	104	---	---
	1989	---	6	Tons	16.0	96	---	---
	1990	---	7	Tons	16.0	112	---	---
Wheat, Winter	1970	23	21	Bu.	42.0	882	1.31	1,155
	1975	47	45	Bu.	34.0	1,530	2.85	4,361
	1980	33	27	Bu.	40.0	1,080	3.90	4,212
	1984	50	49	Bu.	41.0	2,009	3.30	6,630
	198[illegible]	45	43	Bu.	48.0	2,064	2.88	5,944
	1[illegible]	40	34	Bu.	45.0	1,530	2.44	3,733
	198[illegible]	50	48	Bu.	42.0	2,016	2.45	4,939
	1988	65	63	Bu.	52.0	3,276	3.57	11,695
	1989	80	74	Bu.	42.0	3,108	3.45	10,723
	1990	65	60	Bu.	51.0	3,060	2.90	8,874
Barley	1970	31	22	Bu.	47.0	1,034	.81	838
	1975	35	27	Bu.	47.0	1,269	1.61	2,043
	1980	33	25	Bu.	49.0	1,225	2.32	2,842
	1984	55	50	Bu.	55.0	2,750	2.15	5,913
	1985	63	57	Bu.	58.0	3,306	1.45	4,794
	1986	55	50	Bu.	61.0	3,050	1.35	4,118
	1987	40	37	Bu.	60.0	2,220	1.20	2,664
	1988	35	30	Bu.	72.0	2,160	1.83	3,953
	1989	50	40	Bu.	55.0	2,200	1.90	4,180
	1990	30	27	Bu.	70.0	1,890	1.90	3,591

Field Crops: Acreage, Yield, Production and Value, Delaware 1970 - 1990

Crop	Year	Acreage		Unit	Production		Season Average Price	Value of Production
		Planted	Harvested		Per Acre	Total		
		Thous. Acres				Thous.	Dollars Per Unit	Thous. Dollars
Rye	1970	55	9	Bu.	24.0	216	1.24	268
	1975	45	6	Bu.	25.0	150	2.30	345
	1980	30	3	Bu.	29.0	87	2.84	247
	1984	29	4	Bu.	31.0	124	2.12	263
	1985	29	3	Bu.	35.0	105	2.10	221
	1986	30	4	Bu.	34.0	136	1.62	220
	1987	20	3	Bu.	33.0	99	1.75	173
	1988	18	4	Bu.	31.0	124	2.05	254
	1989	17	2	Bu.	35.0	70	2.85	200
	1990	[1]	[1]	Bu.	[1]	[1]	[1]	[1]
Potatoes, Summer	1970	7.2	7.2	Cwt.	210	1,512	2.38	3,599
	1975	6.5	6.3	Cwt.	200	1,260	5.80	6,090
	1980	5.3	5.1	Cwt.	190	969	8.85	8,576
	1984	5.5	5.5	Cwt.	230	1,265	11.20	14,168
	1985	6.5	6.5	Cwt.	280	1,820	3.90	7,098
	1986	7.0	6.9	Cwt.	190	1,311	6.50	8,522
	1987	8.0	8.0	Cwt.	210	1,680	7.00	11,760
	1988	8.4	8.4	Cwt.	215	1,806	9.35	16,886
	1989	7.7	7.2	Cwt.	160	1,152	12.50	14,400
	1990	8.2	8.2	Cwt.	245	2,009	8.20	16,474
Hay, All	1970	--	24	Tons	2.21	53	36.00	1,908
	1975	--	22	Tons	2.04	46	54.50	2,507
	1980	--	18	Tons	2.22	40	73.00	2,920
	1984	--	21	Tons	2.67	56	94.00	5,264
	1985	--	22	Tons	2.68	59	84.00	4,956
	1986	--	23	Tons	2.17	50	118.00	5,900
	1987	--	21	Tons	2.29	48	98.00	4,704
	1988	--	26	Tons	2.62	68	102.00	6,936
	1989	--	25	Tons	2.92	73	102.00	7,446
	1990	--	23	Tons	2.96	68	104.00	7,072
Hay, Alfalfa	1970	--	6	Tons	3.35	20	---	---
	1975	--	7	Tons	3.00	21	---	---
	1980	--	7	Tons	3.05	21	---	---
	1984	--	7	Tons	3.70	26	---	---
	1985	--	7	Tons	3.90	27	---	---
	1986	--	7	Tons	3.00	21	---	---
	1987	--	9	Tons	2.75	25	---	---
	1989	--	9	Tons	3.75	34	---	---
	1989	--	9	Tons	4.10	37	---	---
	1990	--	8	Tons	4.10	33	---	---
Hay, All Other	1970	--	18	Tons	1.85	33	---	---
	1975	--	15	Tons	1.65	26	---	---
	1980	--	11	Tons	1.70	19	---	---
	1984	--	14	Tons	2.15	30	---	---
	1985	--	15	Tons	2.10	32	---	---
	1986	--	16	Tons	1.80	29	---	---
	1987	--	12	Tons	1.95	23	---	---
	1988	--	17	Tons	2.00	34	---	---
	1989	--	16	Tons	2.25	36	---	---
	1990	--	15	Tons	2.30	35	---	---

[1]Estimates discontinued with 1990 crop.

Crops: Acreage, Yield, Production and Value, United States 1970 - 1990

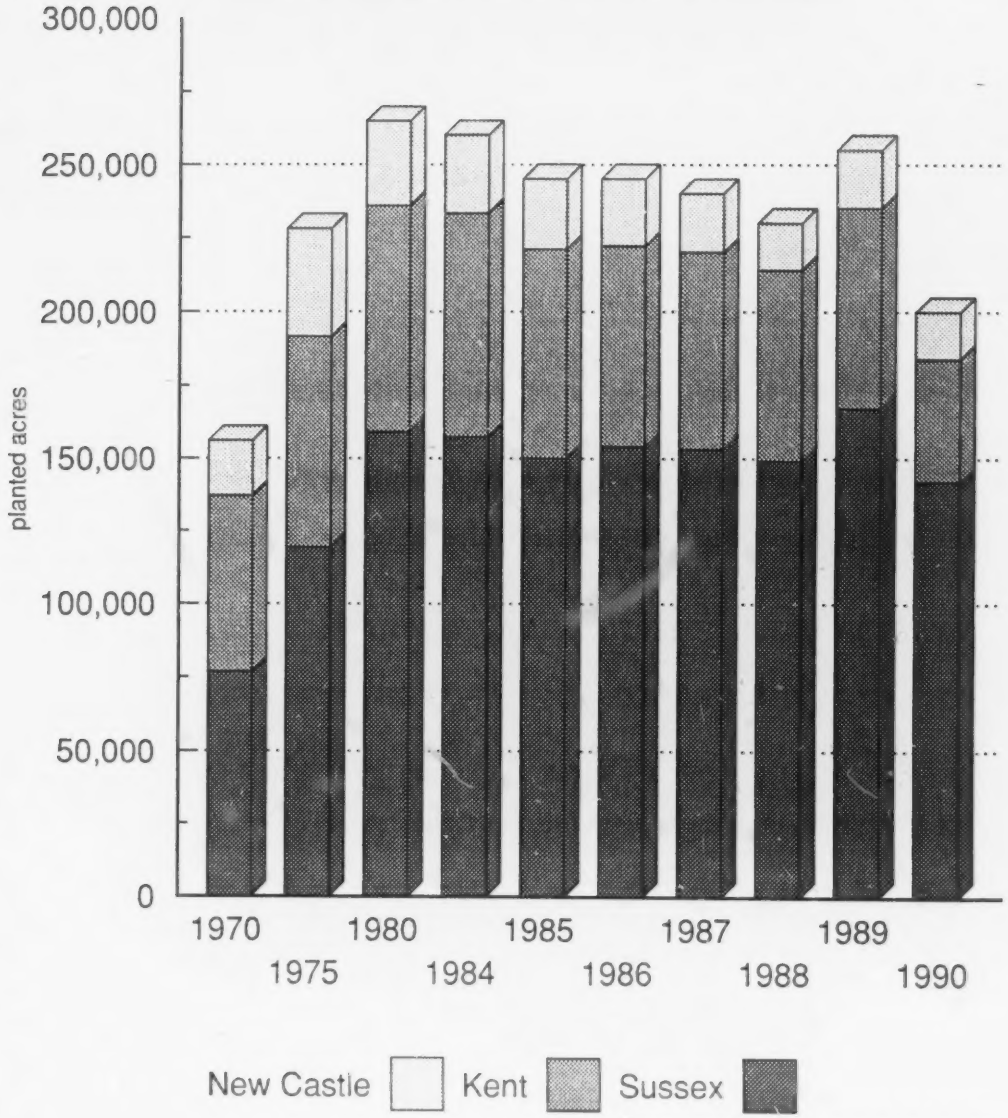
Crop	Year	Acreage		Unit	Production		Season Average Price	Value of Production
		Planted	Harvested		Per Acre	Total		
		Thousand Acres				Thous.	Dollars Per Unit	Thous. Dollars
Soybeans	1970	43,082	42,249	Bu.	26.7	1,127,100	2.85	3,214,710
	1975	54,590	53,617	Bu.	28.9	1,548,344	4.92	7,622,493
	1980	70,037	67,856	Bu.	26.4	1,792,062	7.57	13,559,595
	1984	67,755	66,113	Bu.	28.1	1,860,863	5.78	10,748,050
	1985	63,130	61,584	Bu.	34.1	2,098,531	5.05	10,581,041
	1986	60,385	58,292	Bu.	33.3	1,940,101	4.78	9,262,746
	1987	58,180	57,172	Bu.	33.9	1,937,722	5.88	11,391,000
	1988	58,840	57,373	Bu.	27.0	1,548,841	7.42	11,487,742
	1989	60,820	59,538	Bu.	32.3	1,923,666	5.69	10,916,145
	1990	57,795	56,502	Bu.	34.0	1,921,787	5.85	11,214,561
Corn, All	1970	66,863	65,436	---	---	---	---	---
	1975	78,719	77,473	---	---	---	---	---
	1980	84,047	82,271	---	---	---	---	---
	1984	80,517	79,786	---	---	---	---	---
	1985	83,398	82,591	---	---	---	---	---
	1986	76,580	76,325	---	---	---	---	---
	1987	66,200	65,499	---	---	---	---	---
	1988	67,717	66,545	---	---	---	---	---
	1989	72,221	71,309	---	---	---	---	---
	1990	74,171	73,076	---	---	---	---	---
Corn, For Grain	1970	---	57,358	Bu.	72.4	4,152,243	1.33	5,514,702
	1975	---	67,625	Bu.	86.4	5,840,757	2.54	14,817,840
	1980	---	73,030	Bu.	91.0	6,644,841	3.11	20,571,244
	1984	---	71,897	Bu.	106.7	7,672,130	2.62	20,084,595
	1985	---	75,209	Bu.	118.0	8,875,453	2.23	19,521,975
	1986	---	69,907	Bu.	119.4	8,225,764	1.50	12,541,426
	1987	---	59,505	Bu.	119.8	7,131,300	1.94	14,107,705
	1988	---	58,250	Bu.	84.3	4,928,681	2.54	12,661,362
	1989	---	64,703	Bu.	116.3	7,525,493	2.36	17,896,810
	1990	---	66,952	Bu.	118.5	7,993,068	2.30	18,008,938
Corn, Silage	1970	---	8,078	Tons	11.6	94,084	---	---
	1975	---	9,848	Tons	11.8	116,087	---	---
	1980	---	9,241	Tons	12.0	110,973	---	---
	1984	---	7,535	Tons	13.9	104,491	---	---
	1985	---	7,155	Tons	14.3	102,664	---	---
	1986	---	6,418	Tons	14.1	90,227	---	---
	1987	---	5,994	Tons	14.5	86,442	---	---
	1988	---	8,294	Tons	9.5	78,791	---	---
	1989	---	6,606	Tons	13.0	86,109	---	---
	1990	---	6,124	Tons	14.2	86,844	---	---
Wheat, Winter	1970	37,623	32,702	Bu.	33.4	1,091,744	1.33	1,452,020
	1975	55,954	51,376	Bu.	32.0	1,642,900	3.37	5,540,438
	1980	57,620	51,494	Bu.	36.8	1,895,383	3.83	7,260,782
	1984	63,419	51,513	Bu.	40.0	2,060,266	3.33	6,861,900
	1985	57,712	47,923	Bu.	38.1	1,826,625	2.98	5,429,571
	1986	53,895	43,170	Bu.	35.2	1,520,433	2.23	3,583,338
	1987	48,806	39,332	Bu.	39.8	1,565,381	2.49	3,962,170
	1988	48,800	39,800	Bu.	39.2	1,561,910	3.65	5,684,359
	1989	55,091	41,509	Bu.	35.0	1,454,642	3.78	5,684,359
	1990	56,998	49,976	Bu.	40.7	2,033,299	2.64	5,450,176
Barley	1970	10,476	9,712	Bu.	42.8	416,091	.97	400,312
	1975	9,373	8,617	Bu.	44.0	379,162	2.42	905,923
	1980	8,339	7,275	Bu.	49.6	360,456	2.86	1,022,030
	1984	11,934	11,218	Bu.	53.3	598,034	2.26	1,356,316
	1985	13,139	11,591	Bu.	50.9	590,213	1.98	1,132,537
	1986	13,024	11,974	Bu.	50.8	608,332	1.61	993,905
	1987	10,929	9,957	Bu.	52.4	521,499	1.81	993,905
	1988	9,831	7,636	Bu.	38.0	289,994	2.80	775,229
	1989	9,125	8,313	Bu.	48.6	404,203	2.42	968,180
	1990	8,201	7,499	Bu.	55.9	418,856	2.14	905,923

Crops: Acreage, Yield, Production and Value, United States 1970 - 1990

Crop	Year	Acreage		Unit	Production		Season Average Price	Value of Production
		Planted	Harvested		Per Acre	Total		
		Thous. Acres				Thous.	Dollars Per Unit	Thous. Dollars
Rye	1970	4,196	1,427	Bu.	25.8	36,840	.99	36,711
	1975	2,791	728	Bu.	21.9	15,924	2.36	37,406
	1980	2,537	675	Bu.	24.4	16,483	2.63	43,377
	1984	2,971	979	Bu.	33.1	32,407	2.08	68.828
	1985	2,543	708	Bu.	28.8	20,373	2.03	41,902
	1986	2,334	661	Bu.	28.8	19,067	1.49	29,159
	1987	2,428	671	Bu.	29.1	19,526	1.63	31,641
	1988	2,374	595	Bu.	24.7	14,689	2.52	37,006
	1989	2,014	484	Bu.	28.2	13,647	2.06	28,099
	1990	1,625	373	Bu.	27.1	10,098	2.10	21,158
Potatoes, Summer	1970	156.2	153.2	Cwt.	185	28,400	3.06	86,435
	1975	115.2	111.0	Cwt.	187	20,773	5.67	117,843
	1980	93.9	91.1	Cwt.	189	17,204	8.93	153,345
	1984	109.5	105.1	Cwt.	216	22,741	9.14	209,222
	1985	115.2	111.5	Cwt.	245	27,294	4.86	135,021
	1986	99.8	94.0	Cwt.	220	20,689	7.00	146,140
	1987	103.5	100.5	Cwt.	227	22,833	6.32	143,569
	1988	96.4	91.8	Cwt.	220	20,154	7.55	151,451
	1989	97.2	93.5	Cwt.	237	22,155	10.40	228,616
	1990	103.5	96.3	Cwt.	239	23,044	N/A	N/A
Hay, All	1970	---	61,467	Tons	2.07	126,969	26.10	3,076,382
	1975	---	61,353	Tons	2.16	132,397	52.10	6,458,070
	1980	---	59,362	Tons	2.21	131,027	71.00	8,103,989
	1984	---	61,414	Tons	2.45	150,582	72.70	10,203,921
	1985	---	60,461	Tons	2.46	148,719	67.60	9,437,282
	1986	---	62,334	Tons	2.49	155,385	59.70	8,610,996
	1987	---	60,133	Tons	2.45	147,457	65.00	8,845,395
	1988	---	65,055	Tons	1.94	126,010	85.20	10,457,326
	1989	---	63,300	Tons	2.30	145,512	85.40	11,514,044
	1990	---	61,557	Tons	2.39	146,985	84.80	11,138,492
Hay, Alfalfa	1970	---	27,276	Tons	2.77	75,573	---	---
	1975	---	27,288	Tons	2.87	78,183	---	---
	1980	---	26,244	Tons	3.04	79,879	---	---
	1984	---	26,818	Tons	3.36	90,144	---	---
	1985	---	25,647	Tons	3.32	85,121	---	---
	1986	---	26,911	Tons	3.41	91,865	---	---
	1987	---	25,435	Tons	3.31	84,225	---	---
	1988	---	26,750	Tons	2.59	69,304	---	---
	1989	---	25,944	Tons	2.98	77,370	---	---
	1990	---	25,401	Tons	3.29	83,555	---	---
Hay, All Other	1970	---	34,191	Tons	1.50	51,396	---	---
	1975	---	34,065	Tons	1.59	54,214	---	---
	1980	---	33,118	Tons	1.54	51,148	---	---
	1984	---	34,596	Tons	1.75	60,543	---	---
	1985	---	34,814	Tons	1.83	63,553	---	---
	1986	---	35,423	Tons	1.80	63,977	---	---
	1987	---	34,698	Tons	1.82	63,232	---	---
	1988	---	38,305	Tons	1.48	56,706	---	---
	1989	---	37,356	Tons	1.82	68,142	---	---
	1990	---	36,156	Tons	1.75	63,430	---	---

N/A Not available until September.

Delaware Soybean Acreage
1970 - 1990

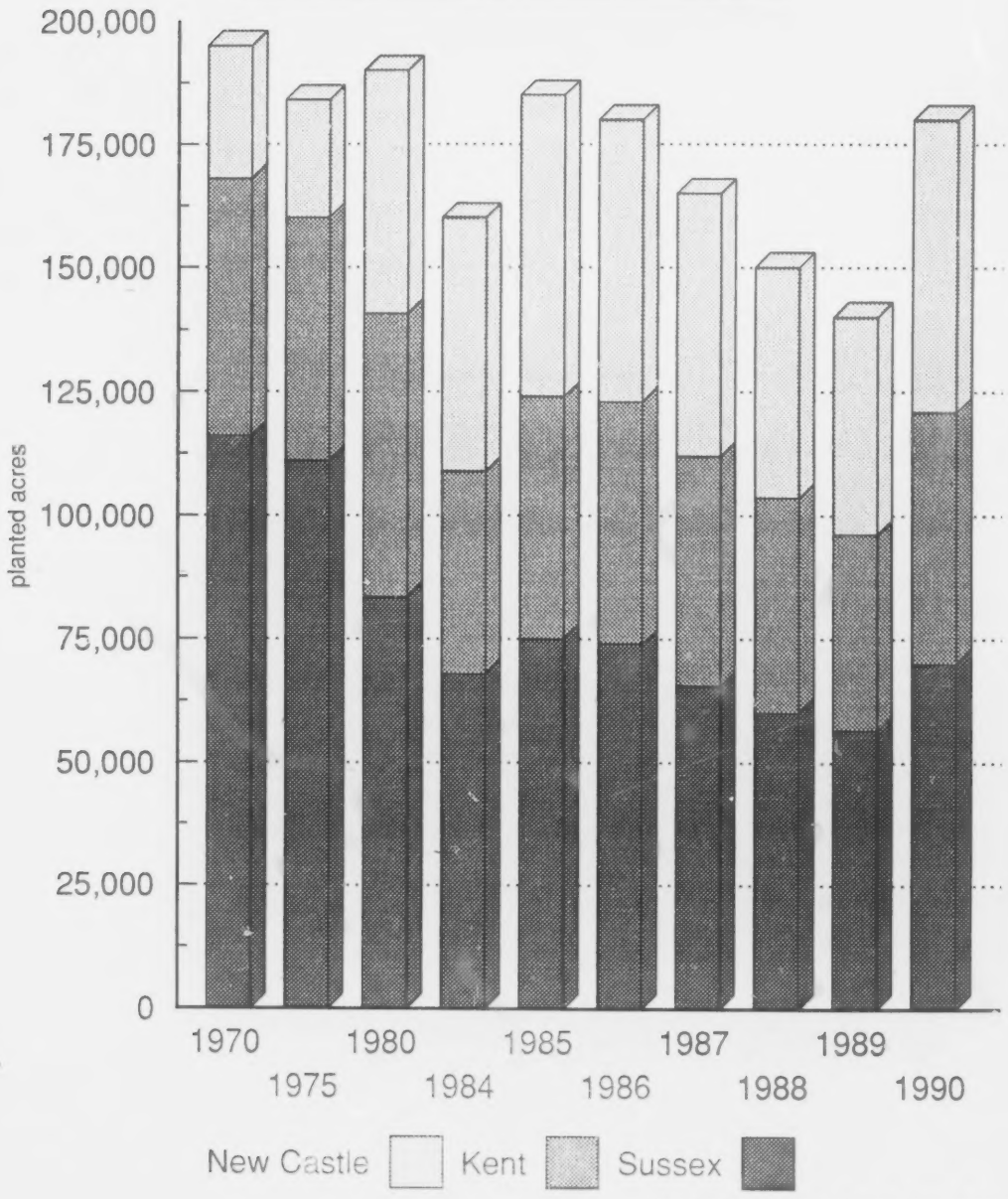


Delaware Agricultural Statistics Service 6/91

Soybeans: Acreage, Yield and Production by Counties,
Delaware 1970 - 1990

County	Year	Acres		Average Yield Per Acre	Production
		Planted	Harvested		
		Acres			Bushels
New Castle	1970	----	19,000	22.8	434,000
	1975	36,500	36,000	27.0	972,000
	1980	29,000	28,000	22.0	616,000
	1984	26,700	25,200	28.0	705,600
	1985	24,000	23,000	33.0	760,000
	1986	23,000	22,000	27.0	594,000
	1987	20,000	19,000	26.0	494,000
	1988	16,000	15,500	30.0	463,000
	1989	20,000	19,500	28.0	546,000
	1990	16,000	15,800	36.0	569,000
Kent	1970	----	60,000	21.9	1,312,000
	1975	72,500	72,000	25.0	1,800,000
	1980	76,900	76,100	23.0	1,750,300
	1984	76,100	72,300	29.0	2,096,700
	1985	71,000	70,000	31.0	2,170,000
	1986	68,000	66,000	23.0	1,518,000
	1987	67,000	65,000	18.0	1,170,000
	1988	65,000	63,000	27.0	1,701,000
	1989	68,000	67,000	30.0	2,010,000
	1990	42,000	41,800	37.0	1,547,000
Sussex	1970	----	77,000	19.9	1,530,000
	1975	119,000	117,000	24.0	2,853,000
	1980	158,900	155,900	18.0	2,833,700
	1984	157,200	152,500	21.0	3,197,700
	1985	150,000	147,000	29.0	4,270,000
	1986	154,000	152,000	24.0	3,648,000
	1987	153,000	151,000	17.0	2,566,000
	1988	149,000	146,500	27.0	3,909,000
	1989	167,000	163,500	28.7	4,694,000
	1990	142,000	141,400	32.9	4,650,000

Delaware Corn Acreage
1970 - 1990



Delaware Agricultural Statistics Service 6/91

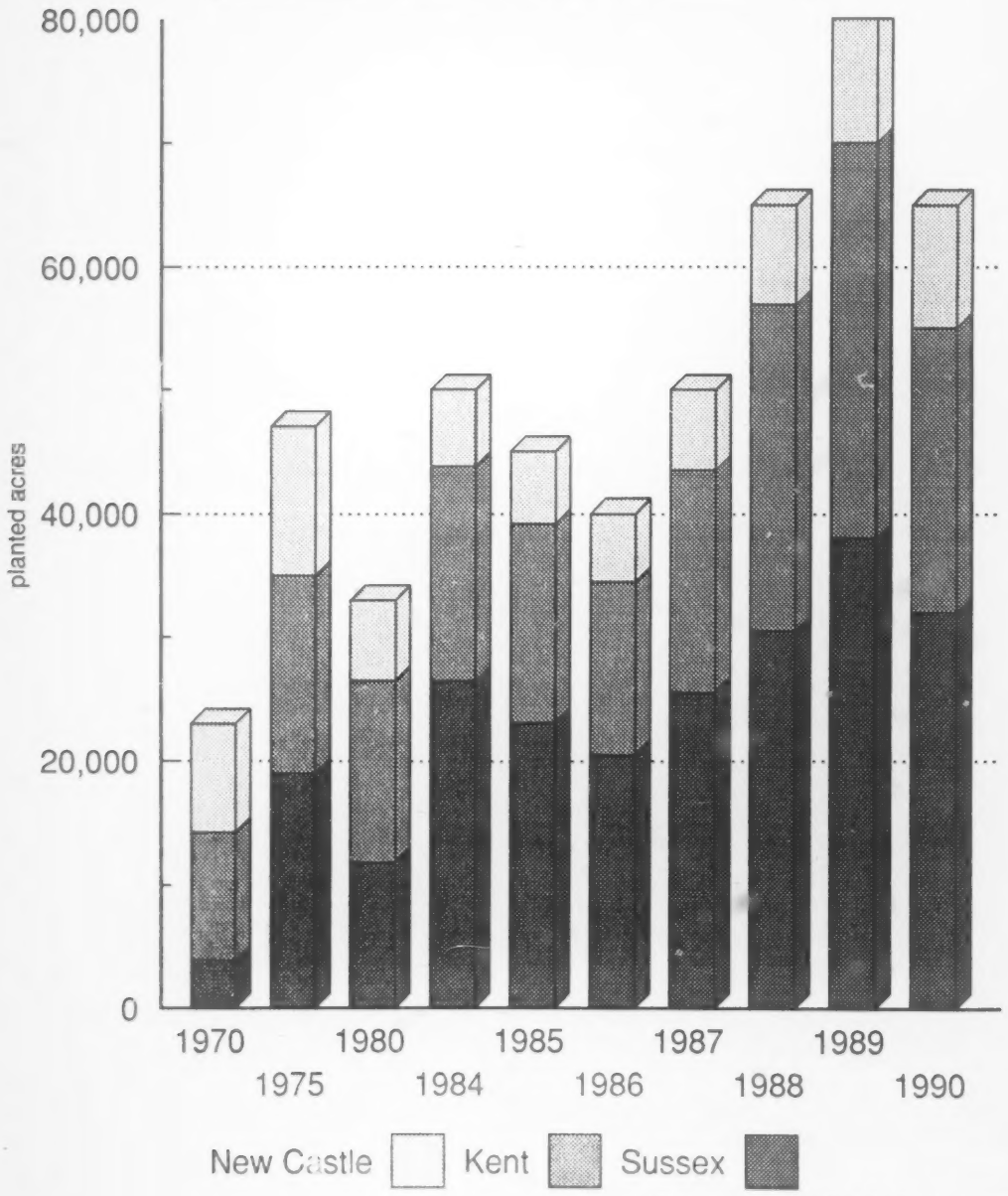
Corn: Acreage, Yield and Production by Counties, Delaware 1970 - 1990

County	Year	Acres		Average Yield Per Acre	Production
		Planted	Harvested For Grain		
		Acres		Bushels	
New Castle	1970	27,000	25,000	76.0	1,900,000
	1975	24,000	20.000	94.0	1,880,000
	1980	49,400	33,900	77.0	3,502,500
	1984	51,200	47,000	117.0	5,501,000
	1985	61,000	56,000	120.0	6,720,000
	1986	57,000	54,000	101.0	5,445,000
	1987	53,000	49,000	73.0	3,577,000
	1988	46,500	43,000	64.0	2,752,000
	1989	44,000	41,500	99.0	4,109,000
	1990	59,000	57,000	117.0	6,669,000
Kent	1970	52,000	48,000	79.0	3,792,000
	1975	49,000	43,000	96.0	4,128,000
	1980	57,300	54,000	81.0	4,371,600
	1984	41,000	38,900	118.0	4,590,000
	1985	49,000	46,000	110.0	5,055,000
	1986	49,000	44,700	82.0	3,665,000
	1987	46,500	40,000	81.9	3,274,000
	1988	43,500	40,000	72.2	2,887,000
	1989	39,500	36,700	97.0	3,560,000
	1990	51,000	47,000	114.0	5,358,000
Sussex	1970	116,000	112,000	75.0	8,368,000
	1975	111,000	107,000	90.0	9,632,000
	1980	83,300	77,300	63.0	4,869,900
	1984	67,800	64,100	107.0	6,859,000
	1985	75,000	73,000	100.0	7,300,000
	1986	74,000	70,300	70.0	4,917,000
	1987	65,500	59,000	67.0	3,953,000
	1988	60,000	57,000	73.0	4,161,000
	1989	56,500	54,800	103.0	5,631,000
	1990	70,000	68,000	114.0	7,753,000

Corn For Silage: Acreage, Yield and Production by Counties, Delaware: 1980 - 1990

County	Year	Harvested	Average Yield Per Acre	Production
		Acres	Tons	
New Castle	1980	2,700	13.7	37,000
	1984	3,400	16.5	56,000
	1985	2,900	18.0	51,500
	1986	2,600	13.6	35,400
	1987	3,000	13.0	39,000
	1988	2,700	13.0	35,100
	1989	2,100	17.0	35,700
	1990	1,600	15.0	24,000
Kent	1980	3,000	15.0	45,000
	1984	1,600	15.0	24,000
	1985	2,600	14.0	35,800
	1986	3,400	9.0	30,600
	1987	5,500	6.8	37.500
	1988	3,000	12.2	36,700
	1989	2,500	15.0	37,900
	1990	3,700	16.0	61,000
Sussex	1980	4,300	13.0	55,900
	1984	3,000	16.0	48,000
	1985	1,500	12.0	17,700
	1986	3,000	11.0	33,000
	1987	5,500	9.0	49,500
	1988	2,300	14.0	32,200
	1989	1,400	16.0	22,400
	1990	1,700	16.0	27,000

Delaware Wheat Acreage
1970 - 1990

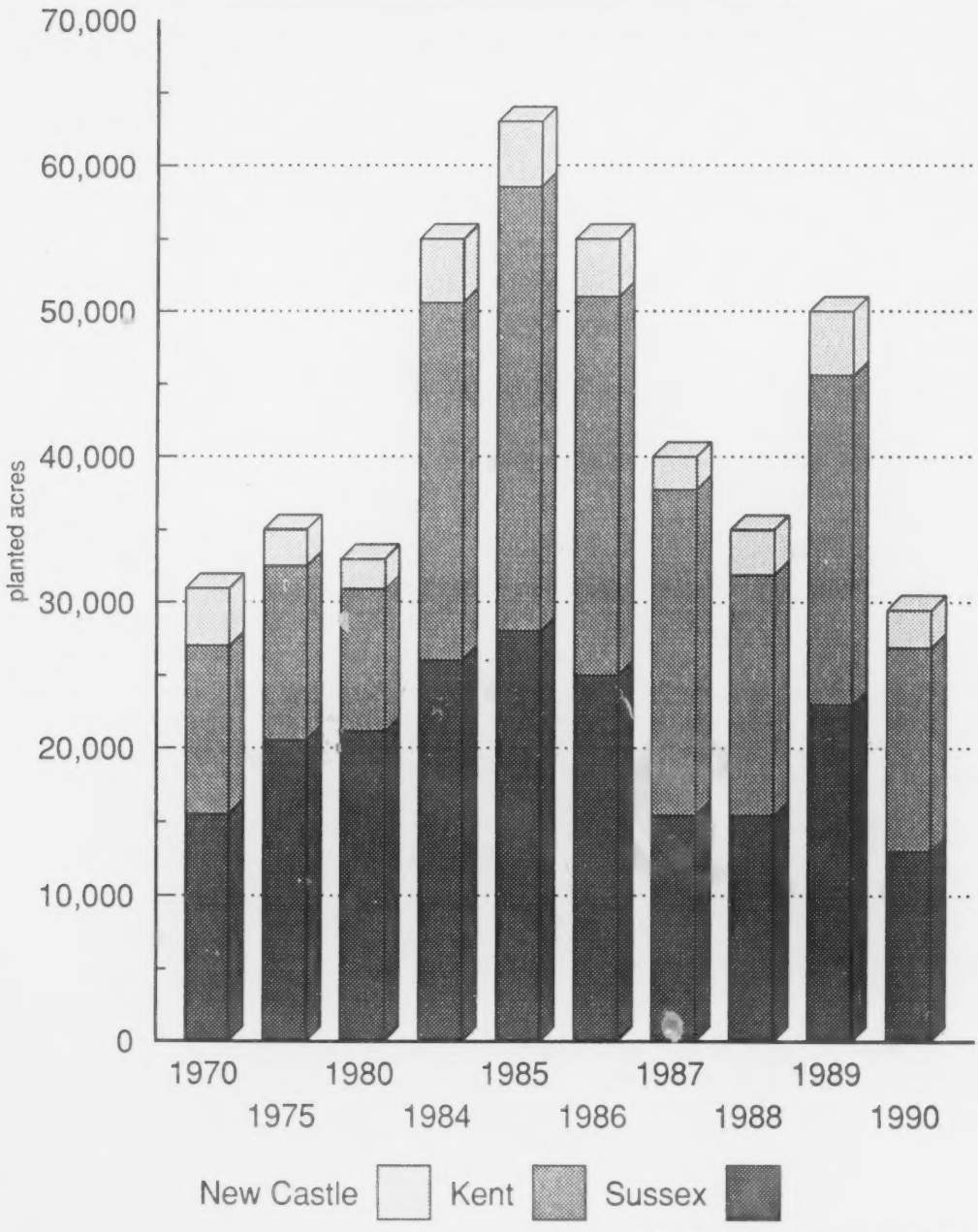


Delaware Agricultural Statistics Service 6/91

Wheat: Acreage, Yield and Production by Counties,
Delaware 1970 - 1990

County	Year	Acres		Average Yield Per Acre	Production
		Planted	Harvested		
		Acres			Bushels
New Castle	1970	8,700	8,300	42.0	349,000
	1975	12,000	11,500	36.0	409,000
	1980	6,500	5,600	41.0	231,000
	1984	6,200	6,100	44.0	268,400
	1985	5,800	5,700	51.0	291,000
	1986	5,500	4,900	54.5	267,000
	1987	6,500	6,200	43.0	267,000
	1988	8,100	7,800	58.0	452,000
	1989	10,000	9,300	47.0	437,000
	1990	10,000	9,600	50.0	480,000
Kent	1970	10,400	9,000	41.1	370,000
	1975	16,000	15,000	34.0	510,000
	1980	14,700	11,800	40.0	473,000
	1984	17,300	16,900	39.0	659,100
	1985	16,100	15,300	50.0	765,000
	1986	14,000	11,700	44.0	515,000
	1987	18,000	16,700	43.0	718,000
	1988	26,400	25,300	52.5	1,329,000
	1989	32,000	28,700	42.9	1,231,000
	1990	23,000	21,000	50.0	1,050,000
Sussex	1970	3,900	3,700	44.1	163,000
	1975	19,000	18,500	33.0	611,000
	1980	11,800	9,600	39.0	376,000
	1984	26,500	26,000	41.6	1,081,500
	1985	23,100	22,000	46.0	1,008,000
	1986	20,500	17,400	43.0	748,000
	1987	25,500	25,100	41.0	1,031,000
	1988	30,500	29,900	50.0	1,495,000
	1989	38,000	36,000	40.0	1,440,000
	1990	32,000	29,400	52.0	1,530,000

Delaware Barley Acreage
1970 -1990



Delaware Agricultural Statistics Service 6/91

Barley: Acreage, Yield and Production by Counties,
Delaware 1970 - 1990

County	Year	Acres		Average Yield Per Acre	Production
		Planted	Harvested		
		Acres			Bushels
New Castle	1970	4,000	3,800	51.0	194,000
	1975	2,500	2,000	46.0	92,000
	1980	2,100	1,900	50.0	95,000
	1984	4,400	4,200	57.0	239,400
	1985	4,500	4,300	61.0	262,000
	1986	4,000	3,600	62.0	223,000
	1987	2,300	2,000	62.0	124,000
	1988	3,100	2,300	75.0	172,500
	1989	4,400	3,700	58.1	215,000
	1990	2,600	2,400	72.9	175,000
Kent	1970	11,500	8,200	45.0	369,000
	1975	12,000	9,000	49.0	441,000
	1980	9,800	7,900	50.0	395,000
	1984	24,600	23,000	54.6	1,256,600
	1985	30,500	28,400	60.0	1,704,000
	1986	26,000	23,900	62.0	1,482,000
	1987	22,300	20,800	61.0	1,272,000
	1988	16,500	13,700	73.0	1,000,000
	1989	22,600	18,000	55.4	997,000
	1990	13,900	12,500	70.0	875,000
Sussex	1970	15,500	10,000	47.0	471,000
	1975	20,500	16,000	46.0	736,000
	1980	21,100	15,200	48.0	735,000
	1984	26,000	22,800	55.0	1,254,000
	1985	28,000	24,300	55.0	1,340,000
	1986	25,000	22,500	59.8	1,345,000
	1987	15,400	14,200	58.0	824,000
	1988	15,400	14,000	70.5	987,500
	1989	23,000	18,300	54.0	988,000
	1990	13,500	12,100	69.4	840,000

Delmarva Crop Production
Acreage, Average Yield and Production, Delmarva 1970 - 1990

Crop	Year	Acreage		Production	
		Planted	Harvested	Per Acre	Total
		Acres		Bushels	
Corn, Grain	1970	540,100	510,800	81.6	41,678,000
	1975	534,400	498,100	94.4	47,020,500
	1980	570,500	540,600	74.4	40,230,100
	1984	503,800	474,400	118.9	56,415,000
	1985	559,900	534,100	113.0	60,129,000
	1986	533,700	499,500	79.7	39,801,000
	1987	437,100	401,600	69.6	27,961,000
	1988[1]	399,200	369,500	67.3	24,881,000
	1989[1]	375,000	353,200	108.3	37,550,900
	1990[1]	455,000	420,100	118.5	49,761,200
				Tons	
Corn, Silage[2]	1970	N/A	----	----	----
	1975	N/A	----	----	----
	1980	----	23,500	14.6	342,000
	1984	----	26,300	16.8	441,300
	1985	----	21,900	16.2	353,800
	1986	----	29,800	11.3	336,300
	1987	----	29,800	9.5	282,400
	1988	----	25,200	10.9	273,600
	1989	----	18,400	15.2	279,700
	1990	----	31,400	13.8	434,700
				Bushels	
Soybeans	1970	N/A	391,000	22.4	8,777,000
	1975	591,200	528,800	27.0	15,735,800
	1980	709,700	696,700	21.0	14,962,400
	1984	727,300	707,000	27.0	19,109,000
	1985	678,500	665,600	30.0	20,010,000
	1986	658,400	645,200	25.9	16,716,000
	1987	666,000	652,700	19.4	12,685,000
	1988	703,000	689,600	29.5	20,341,400
	1989	792,900	771,700	29.9	23,102,400
	1990	681,100	672,300	34.7	23,336,400
Wheat	1970	N/A	72,900	41.8	3,046,000
	1975	143,350	134,600	34.0	4,571,000
	1980	104,400	95,700	39.7	3,800,700
	1984	167,100	162,950	43.7	7,123,800
	1985	156,300	150,300	49.5	7,453,000
	1986	159,000	143,700	47.0	6,700,000
	1987	172,400	167,000	48.0	8,015,000
	1988	207,400	199,500	53.3	10,369,500
	1989	269,000	254,500	41.9	10,661,800
	1990	231,000	220,900	52.3	11,544,500
Barley	1970	N/A	67,900	47.9	3,436,000
	1975	102,050	84,600	44.8	3,787,000
	1980	97,100	75,100	51.5	3,867,300
	1984	136,900	124,700	57.9	7,225,700
	1985	140,500	129,600	57.9	7,508,000
	1986	118,200	110,300	60.7	6,697,600
	1987	103,400	94,400	63.5	5,992,000
	1988	91,800	81,400	71.8	5,847,000
	1989	113,500	97,600	53.7	5,238,400
	1990	80,900	74,300	69.0	5,128,100

[1]Totals do not include Northampton County, Virginia.
[2]Estimates include only Delaware and Maryland Eastern Shore.
N/A Not available.

Apples & Peaches: Production and Value, Delaware 1970 - 1990

Year	Total Production	Season Average Price	Value of Utilized Production
	Million Pounds	Cents Per Pound	Thous. Dollars
		Apples	
1970	14.0	4.2	504
1975	14.0	6.5	910
1980	13.5	8.7	1,177
1984	24.0	9.2	2,154
1985	19.0	8.7	1,656
1986	27.0	9.1	2,456
1987	26.0	10.6	2,768
1988	19.0	12.2	2,318
1989	15.0	11.3	1,690
1990	17.0	11.6	1,971
		Peaches	
1970	3.0	7.8	234
1975	3.0	10.1	303
1980	1.4	11.8	165
1984	2.0	22.0	352
1985	1.2	26.2	314
1986	2.7	18.5	500
1987	0.9	18.9	170
1988	3.1	21.3	660
1989	0.4	33.8	135
1990	0.2	41.5	83

Mushrooms: Area, Production and Value, Delaware 1969 - 1990, July 1 to June 30

Year	Area In Production				Production	Season Average Price	Value of Production
	First Filling	Second Filling	Additional Filling	Total Filling			
	Thous. Square Feet				Thous. Lbs.	Cents	Thous. Dollars
1969-70	971	602	71	1,644	4,320	32.2	1,391
1974-75	1,175	925	107	2,207	5,569	39.4	2,195
1979-80	1,295	1,293	210	2,798	6,738	60.2	4,053
1983-84	1,073	943	483	2,499	7,289	71.9	5,168
1984-85	1,122	996	695	2,813	8,086	63.9	5,168
1985-86	925	936	882	2,743	7,785	63.4	4,934
1986-87	640	535	451	1,626	5,124	62.6	3,208
1987-88	560	544	578	1,682	5,831	64.0	3,732
1988-89	478	471	481	1,430	4,933	71.8	3,540
1989-90	548	548	665	1,761	6,698	76.2	5,107

Delaware: Fresh Market Vegetables, Melons and Strawberries Acreage, Average Yield and Production 1989 and 1990 Season Average Price 1990

Crop	Acres				Average Yield		Total Production		1990
	Planted		Harvested						
	1989	1990	1989	1990	1989	1990	1989	1990	$/cwt.
					Cwt		Cwt		
Asparagus	300	300	270	270	12	13	3,240	3,550	74.20
Cabbage	590	595	590	590	210	180	123,900	105,800	9.80
Cantaloupes	425	460	410	445	95	80	38,950	35,600	14.20
Cauliflower	60	65	60	65	35	90	2,100	5,850	53.90
Green Peas	15	15	15	15	18	27	270	405	35.80
Hot Peppers	20	15	20	15	70	69	1,400	1,035	19.60
Lima Beans	30	30	25	25	25	20	625	500	41.00
Potatoes	7,700	8,200	7,200	8,200	160	245	1,152,000	2,009,000	9.40
Spinach	210	235	210	235	20	64	4,200	15,040	26.10
Strawberries	90	95	90	95	54	56	4,860	5,320	39.30
Sweet Corn	2,390	2,260	2,270	2,160	86	103	195,220	222,480	15.10
Sweet Peppers	20	25	20	25	25	85	500	2,125	26.80
Tomatoes	80	80	70	70	128	95	8,960	6,650	20.20
Turnips	15	30	15	30	102	120	1,530	3,600	8.34
Watermelons	2,550	2,440	2,440	2,330	199	340	485,560	792,200	6.55
Other Vegetables[1]	832	850	760	785	---	---	---	---	---
Total	15,372	15,695	14,465	15,355	---	---	---	---	---

[1]Other vegetables include: Brussels sprouts, broccoli, pumpkins, squash, snap beans, sweet potatoes, greens, and cucumbers.

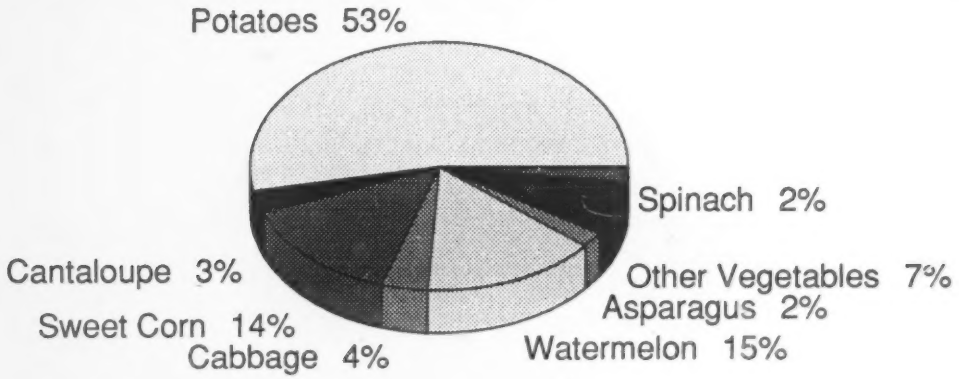
Delaware: Vegetables for Processing Acreage, Average Yield and Production 1989 and 1990

Crop	Acres				Average Yield		Total Production	
	Planted		Harvested					
	1989	1990	1989	1990	1989	1990	1989	1990
					Tons		Tons	
Green Peas	8,500	8,800	8,100	8,800	1.18	1.80	9,560	15,840
Hot Peppers	190	190	160	190	5.13	5.89	820	1,120
Lima Beans	15,200	17,200	14,700	17,100	0.67	0.93	9,810	15,900
Sweet Corn	6,400	6,100	6,300	6,100	5.46	5.77	34,400	35,200
Sweet Peppers	150	140	120	140	4.33	3.07	520	430
Tomatoes	510	310	470	290	7.77	15.62	3,650	4,530
Other Vegetables[1]	7,200	8,860	6,900	8,760	---	---	---	---
Total	38,150	41,600	36,750	41,380	---	---	---	---

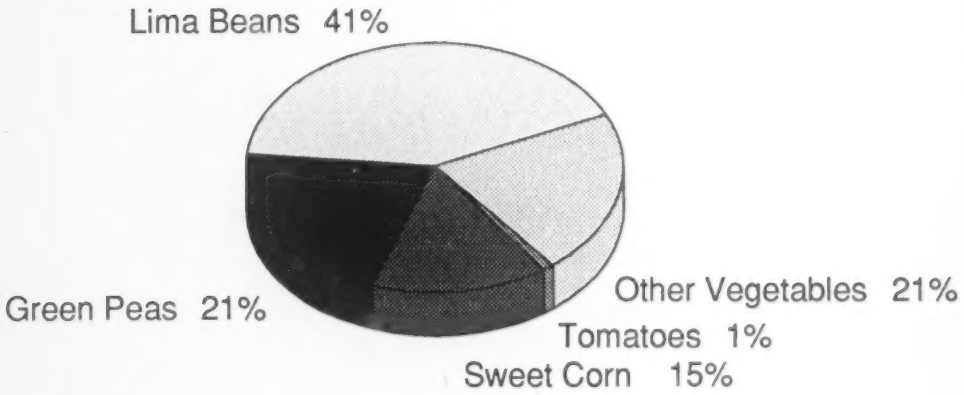
[1]Other vegetables include: snap beans, carrots, spinach, and cucumbers.

Delaware Vegetables

Major Crops as Percent of Total Acres Harvested
1990



Fresh Market



Processing

Delaware Agricultural Statistics Service 6/91

Vegetables: Acreage, Yield And Production, Delaware, By Counties 1990

New Castle

Crop	Fresh Market				Processing				Total Planted Acres
	Acreage		Yield Cwt.	Production Cwt.	Acreage		Yield Tons	Production Tons	
	Planted	Harvested			Planted	Harvested			
Asparagus	15	10	13	120	---	---	---	---	15
Lima Beans	---	---	---	---	[1]	[1]	[1]	[1]	[1]
Cabbage	65	60	175	10,500	---	---	---	---	65
Cantaloupes	70	65	75	4,880	---	---	---	---	70
Cauliflower	25	25	80	2,000	---	---	---	---	25
Green Peas	---	---	---	---	[1]				[1]
Sweet Peppers	5	5	91	455	---	---	---	---	5
Spinach	30	30	64	1,920	[1]				[1]
Strawberries	25	25	62	1,550	---	---	---	---	25
Sweet Corn	340	320	70	22,400	[1]				[1]
Turnips	20	20	125	2,500	---	---	---	---	20
Watermelons	70	60	335	20,100	---	---	---	---	70
Other Vegetables[2]	65	50	---	---	530	530	---	---	595[3]
Total	730	670	---	---	530	530	---	---	1,260

Kent

Crop	Fresh Market				Processing				Total Planted Acres
	Acreage		Yield Cwt.	Production Cwt.	Acreage		Yield Tons	Production Tons	
	Planted	Harvested			Planted	Harvested			
Asparagus	260	240	13	2,840	---	---	---	---	260
Lima Beans	5	5	18	105	[1]				[1]
Cabbage	520	520	180	94,000	---	---	---	---	520
Cantaloupes	60	60	70	4,200	---	---	---	---	60
Cauliflower	30	30	95	2,850	---	---	---	---	30
Green Peas	5	5	21	105	[1]				[1]
Sweet Peppers	10	10	86	780	130	130	4.57	320	140
Hot Peppers	10	10	73	730	180	180	5.29	740	190
Spinach	200	200	64	12,785	[1]				[1]
Strawberries	50	50	50	2,490	---	---	---	---	50
Sweet Corn	1,350	1,300	114	148,780	[1]				[1]
Turnips	5	5	100	500	---	---	---	---	5
Watermelons	140	120	330	39,600	---	---	---	---	140
Other Vegetables[2]	655	610	---	---	18,030	17,160	---	---	18,685[3]
Total	3,300	3,165	---	---	18,340	17,370	---	---	21,640

Sussex

Crop	Fresh Market				Processing				Total Planted Acres
	Acreage		Yield Cwt.	Production Cwt.	Acreage		Yield Tons	Production Tons	
	Planted	Harvested			Planted	Harvested			
Asparagus	25	20	15	280	---	---	---	---	25
Lima Beans	25	20	21	520	[1]				[1]
Cabbage	10	10	170	1,700	---	---	---	---	10
Cantaloupes	330	320	83	26,520	---	---	---	---	330
Cauliflower	10	10	100	1,000	---	---	---	---	10
Green Peas	10	10	30	300	[1]				[1]
Sweet Peppers	10	10	89	890	10	10	4.00	200	10
Hot Peppers	5	5	61	305	10	10	4.00	80	10
Spinach	5	5	67	335	[1]				[1]
Strawberries	20	20	64	1,280	---	---	---	---	20
Sweet Corn	570	540	95	51,300	[1]				[1]
Turnips	5	5	120	600	---	---	---	---	5
Watermelons	2,230	2,150	340	732,500	---	---	---	---	2,230
Other Vegetables[2]	210	195	---	---	22,710	18,810	---	---	22,920[3]
Total	3,465	3,320	---	---	22,730	19,880	---	---	26,195

[1]Not published to avoid disclosure of individual operations. [2]Other fresh vegetables include broccoli, Brussels sprouts, cucumbers, greens, pumpkins, snap beans, squash, sweet potatoes, and tomatoes. Other processed vegetables include carrots, cucumbers, green peas, lima beans, snap beans, spinach, sweet corn, tomatoes, and zucchini. [3]Includes both fresh and processing vegetables listed in footnote 2.

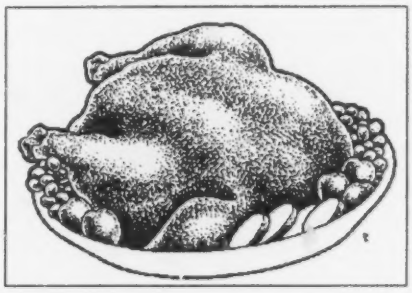
Vegetables For Processing: Acreage, Average Yield, Production and Value
Delaware 1970 - 1990

Crop	Year	Planted	Harvested	Production		Season Average Price	Value Of Production
				Per Acre	Total		
		Acres		Tons		Dollars Per Ton	Thous. Dollars
Green Lima Beans	1970	15,700	15,500	.74	11,500	173.00	1,990
	1975	12,300	12,100	.83	10,050	285.00	2,864
	1980	9,500	9,300	.73	6,790	309.00	2,098
	1984	10,500	10,300	.83	8,550	314.00	2,685
	1985	11,100	10,600	.85	9,010	320.00	2,883
	1986	13,600	13,300	.70	9,310	365.00	3,398
	1987	12,900	12,800	.51	6,500	380.00	2,470
	1988	12,500	10,600	.52	5,460	290.00	1,583
	1989	15,200	14,700	.67	9,810	382.00	3,747
	1990	17,200	17,100	.93	15,900	380.00	6,042
Sweet Corn	1970	3,000	2,900	3.95	11,450	23.80	273
	1975	1,800	1,700	4.21	7,150	74.50	533
	1980	2,400	2,400	4.90	11,770	85.40	1,005
	1984	5,200	5,000	5.71	28,550	79.80	2,278
	1985	4,600	4,600	5.73	26,360	71.20	1,877
	1986	5,200	4,900	4.77	23,370	47.90	1,119
	1987	5,400	5,400	4.72	25,500	54.60	1,392
	1988	5,300	5,300	4.98	26,390	69.00	1,821
	1989	6,400	6,300	5.46	34,400	68.70	2,363
	1990	6,100	6,100	5.77	35,200	71.50	2,517
Cucumbers For Pickles	1970[1]	----	----	----	----	----	----
	1975[1]	----	----	----	----	----	----
	1980	1,600	1,600	4.50	7,200	147.00	1,058
	1984	1,500	1,500	4.77	7,160	137.00	981
	1985	1,500	1,500	4.35	6,530	144.00	940
	1986[1]	----	----	----	----	----	----
	1987[1]	----	----	----	----	----	----
	1988[1]	----	----	----	----	----	----
	1989[1]	----	----	----	----	----	----
	1990[1]	----	----	----	----	----	----
Green Peas[2]	1970	5,900	5,800	1.86	10,800	109.00	1,177
	1975	11,900	10,900	1.22	13,300	235.00	3,126
	1980	5,800	5,800	1.53	8,870	248.00	2,195
	1984	11,600	11,500	1.40	16,100	276.00	4,444
	1985	12,400	12,400	1.79	22,200	277.00	6,149
	1986	10,200	9,600	1.61	15,460	239.00	3,695
	1987	9,700	9,700	1.28	12,420	229.00	2,844
	1988	7,700	7,700	1.53	11,780	180.00	2,120
	1989	8,500	8,100	1.18	9,560	233.00	2,227
	1990	8,800	8,800	1.80	15,840	267.00	4,229
Tomatoes	1970	1,600	1,900	16.50	24,750	42.00	1,040
	1975[1]	----	----	----	----	----	----
	1980[1]	----	----	----	----	----	----
	1984	840	820	18.09	14,830	76.50	1,134
	1985	1,200	1,100	12.67	13,940	72.10	1,005
	1986[1]	----	----	----	----	----	----
	1987	900	800	11.68	9,340	72.20	674
	1988	1,10[illegible]	1,100	6.72	6,720	74.10	498
	1989	[illegible]	470	7.77	3,650	89.70	327
	1990	[illegible]0	290	15.62	4,530	94.40	428

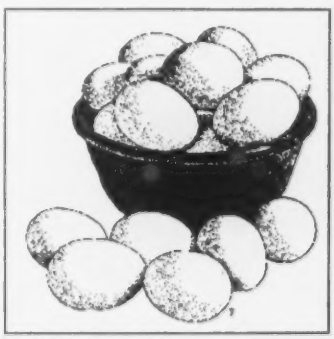
[1]Not published to avoid disclosure of individual operations.
[2]Shelled basis.

POULTRY

Delaware's poultry industry continued to grow in 1990. **Broiler/roaster** production increased 2 percent to 1.16 billion pounds, assuring Delaware of its number seven spot nationally in production. The average price per pound fell after rising for two years, down 5 cents to 35.5 cents per pound. Value of production was $405.5 billion, down 12 percent from 1989, and accounted for 63 percent of Delaware farm cash receipts.



There were 170 million **eggs** produced in Delaware in 1990, a 16 percent increase over the previous year, and the fifth consecutive year to show an increase. Average number of layers on farms during the year increased 16 percent to 747 thousand, and eggs per layer increased by one to 228. Value of production was $16.6 million, 23 percent above 1989.



[1]Broiler-Type Eggs Set, Chickens Hatched And Placed In Growing Houses, Delaware, By Weeks, 1988 - 1990

Year and Week Ending	Eggs Set	Chicks Hatched	Chicks Placed	Year and Week Ending	Eggs Set	Chicks Hatched	Chicks Placed
		Thous.				Thous.	
1988				1989			
Oct 01	4,343	3,599	4,079	Oct 07	4,170	2,495	3,643
08	4,325	3,480	4,249	14	3,809	3,586	5,059
15	3,556	3,719	4,710	21	3,658	3,592	4,907
22	3,432	3,668	4,592	28	3,821	3,554	4,482
29	3,811	3,681	4,298				
Nov 05	3,813	3.030	3,718	Nov 04	4,289	3,250	4,844
12	4,050	2,905	3,794	11	4,208	3,129	4,570
19	4,189	3,250	4,851	18	4,081	3,243	3,830
26	4,256	3,220	4,809	25	4,063	3,644	4,689
Dec 03	4,208	3,423	4,221	Dec 02	4,066	3,587	5,007
10	4,214	3,592	4,578	09	3,994	3,483	4,175
17	4,222	3,640	4,567	16	4,122	3,461	4,313
24	4,172	3,544	4,715	23	3,790	3,440	4,965
31	4,243	3,566	4,029	30	4,207	3,402	3,352
1989				1990			
Jan 07	4,250	3,542	4,807	Jan 06	4,251	3,410	5,140
14	3,758	3,497	4,926	13	4,224	3,227	4,298
21	4,318	3,594	4,918	20	4,118	3,625	4,478
28	4,314	3,547	4,570	27	3,754	3,669	4,954
Feb 04	4,380	3,209	4,754	Feb 03	4,014	3,630	4,860
11	4,355	3,620	4,286	10	4,214	3,569	4,561
18	4,345	3,670	4,284	17	4,403	3,235	4,769
25	4,351	3,709	4,582	24	4,404	3,430	3,797
Mar 04	4,230	3,720	4,103	Mar 03	4,415	3,608	4,369
11	4,186	3,702	4,947	10	4,473	3,704	4,996
18	4,276	3,699	5,240	17	4,495	3,751	4,869
25	4,204	3,624	4,588	24	4,269	3,778	4,357
				31	4,433	3,837	4,859
Apr 01	4,214	3,579	4,511				
08	4,270	3,619	5,288	Apr 07	4,418	3,892	5,470
15	4,227	3,565	4,697	14	4,398	3,685	5,398
22	4,247	3,635	4,832	21	4,401	3,821	4,879
29	4,175	3,679	5,124	28	4,020	3,789	4,850
May 06	4,272	3,700	4,693	May 05	4,305	3,780	4,796
13	4,257	3,642	4,726	12	4,413	3,770	5,719
20	4,428	3,572	5,126	19	4,419	3,374	4,512
27	4,325	3,622	4,344	26	4,461	3,743	4,967
Jun 03	4,332	3,610	4,393	Jun 02	4,474	3,779	5,334
10	4,492	3,738	5,028	09	4,489	3,805	4,987
17	4,510	3,786	4,854	16	4,354	3,841	4,710
24	4,502	3,799	4,179	23	3,709	3,894	5,410
				30	4,054	3,873	4,971
Jul 01	4,185	3,827	5,482				
08	4,165	3,854	4,566	Jul 07	4,160	3,762	4,996
15	4,216	3,873	5,385	14	4,114	3,302	5,528
22	4,272	3,558	5,076	21	4,179	3,552	5,139
29	4,345	3,543	4,665	28	4,068	3,691	4,613
Aug 05	4,414	3,571	4,565	Aug 04	4,028	3,507	5,010
12	4,403	3,600	4,967	11	3,929	3,596	4,780
19	4,432	3,604	4,575	18	4,209	3,514	4,768
26	4,044	3,688	4,706	25	4,166	3,428	5,234
Sep 02	4,194	3,651	4,494	Sep 01	4,119	3,395	4,383
09	3,874	3,714	4,733	08	3,872	3,585	4,987
16	2,926	3,392	4,877	15	3,285	3,589	4,532
23	4,210	3,507	4,489	22	4,181	3,545	5,074
30	4,190	3,254	4,031	29	3,981	3,373	4,032
Total 1989	221,922	189,632	245,621	Total 1990	215,951	185,161	247,222

[1]Eggs set & chicks hatched include eggs for all broiler-type chicks, including those raised as broilers & as hatchery flock replacement. Chicks placed include only chicks raised as broilers.

Commercial Broilers: Production and Value, Delaware 1970 - 1990

Year[1]	Number Produced	Average Liveweight	Production	Average Price Per Pound[2]	Value[3]
	Thous. Birds	Pounds	Thous. Pounds	Cents	Thous. Dollars
1970	135,574	3.9	528,739	14.9	78,782
1975	136,278	3.9	531,484	25.6	136,060
1980	166,729	4.2	700,262	28.5	199,575
1984	189,615	4.8	910,152	36.5	332,205
1985	196,339	4.8	942,715	33.0	311,096
1986	196,783	4.8	944,558	37.5	354,209
1987	209,181	5.0	1,049,090	30.5	319,972
1988	217,455	5.0	1,087,275	36.5	396,855
1989	226,415	5.0	1,132,075	40.5	458,490
1990	231,700	5.0	1,158,500	35.5	405,475

[1]Twelve month period beginning with December of the previous year.
[2]Liveweight equivalent price.
[3]Gross income including home consumption.

Broiler-Type Chicks Hatched By Commercial Hatcheries: Delaware 1975 - 1990

Year	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sept	Oct.	Nov.	Dec.	Total
						1,000 Birds							
1975	13,614	10,965	12,582	12,331	12,707	12,143	12,168	12,054	11,572	12,203	12,248	12,764	147,351
1980	10,561	9,704	11,113	10,736	11,736	11,203	10,560	10,182	9,023	10,026	9,769	10,094	124,381
1984	11,751	11,768	13,162	12,777	13,189	13,289	13,275	13,599	12,452	12,286	12,019	13,477	153,014
1985	13,733	12,408	14,312	14,087	14,787	14,594	14,157	13,564	12,985	12,968	13,497	14,533	165,625
1986	13,547	12,718	14,955	14,988	15,592	15,530	15,379	14,128	13,946	14,393	13,627	15,515	174,318
1987	15,305	12,753	14,687	14,513	15,247	15,345	16,044	15,120	14,046	14,548	13,773	15,471	176,852
1988	16,353	14,454	15,828	15,477	16,173	16,027	15,798	16,055	14,910	15,930	13,493	15,930	186,308
1989	15,557	14,427	16,199	15,522	16,068	16,152	16,396	16,049	14,871	14,621	14,432	15,300	185,595
1990	15,516	13,851	16,618	16,025	16,284	16,494	15,812	15,450	14,978	14,845	13,617	14,977	184,647

Chick Hatcheries: Number and Egg Capacity, January 1, Selected Years, Delaware 1975 - 1990

Year	Number of Hatcheries	Egg Capacity
1975	9	15,083
1977	9	15,255
1979	7	15,255
1981	4	11,115
1985	5	12,537
1987	4	13,130
1989	4	14,185
1991	3	13,760

Egg Production: Number of Layers, Eggs Per Layer And Total Production, Quarterly, Delaware 1970 - 1990

Year	December - February[1]	March - May	June - August	September - November	Annual
		Layers on Farms - Thousand			Average
1970	612	607	614	615	612
1975	533	520	504	571	520
1980	537	615	688	689	632
1984	645	629	637	626	634
1985	573	564	616	620	594
1986	589	627	645	626	622
1987	639	697	710	704	688
1988	681	683	690	653	677
1989	612	626	639	685	640
1990	738	757	768	708	742
		Total Eggs Per Layer During Quarter[2]			Total
1970	49.6	52.3	52.9	51.6	306
1975	59.4	61.3	62.4	61.8	245
1980	55.3	58.3	63.2	60.6	237
1984	54.3	52.5	58.1	55.9	221
1985	52.4	53.2	53.6	53.2	212
1986	52.6	54.2	55.8	54.3	217
1987	50.0	51.7	53.5	54.0	209
1988	54.3	54.2	53.6	53.6	216
1989	53.9	57.5	57.9	58.4	227
1990	55.6	55.5	59.9	57.9	228
		Total Egg Production During Quarter - Millions			Total
1970	30	32	32	32	126
1975	28	29	29	29	115
1980	27	33	40	38	138
1984	35	33	37	35	140
1985	30	30	33	33	126
1986	31	34	36	34	135
1987	32	36	38	38	144
1988	37	37	37	35	146
1989	33	36	37	40	146
1990	41	42	46	41	170

[1]December of the preceding year.
[2]The annual eggs per layer may not add due to rounding.

Eggs: Production, Disposition and Value of Sales, Delaware 1970-1990[1]

Year[2]	Hens & Pullets Of Laying Age[3]	Average Number Of Layers On Hand During Year	Eggs Per Layer[4]	Eggs Produced	Eggs Consumed In Farm Household	Eggs Sold	Price Per Dozen	Value of Production
	Thous. Birds		Number	Millions		Mills.	Cents	Thous. Dollars
1970	615	612	206	126	1	125	56.9	5,927
1975	540	520	221	115	1	114	68.7	6,527
1980	510	632	218	138	[5]	137.5	64.0	7,333
1984	642	634	221	140	[5]	140.0	105.0	12,250
1985	589	594	212	126	N/A	N/A	98.0	10,290
1986	578	622	217	135	--	--	98.0	11,025
1987	615	688	209	144	--	--	101.0	12,120
1988	676	677	216	146	--	--	106.0	12,897
1989	608	640	227	146	--	--	111.0	13,505
1990	726	742	228	170	--	--	117.0	16,575

[1]Includes hatching eggs and eggs sold at retail by farmers.
[2]Marketing year is from December of the previous year to November 30 of the year shown.
[3]On hand December 1 of the previous year.
[4]Eggs produced divided by average number of layers on hand.
[5]Less than one-half million eggs.

Chickens: Inventory and Value on December 1, Delaware, 1969 - 1990

Year	Hens and Pullets of Laying Age			Pullets 3 Months Old And Older Not Of Laying Age	Pullets Under 3 Months	Other Chickens	Total Chickens	Value Per Bird	Total Value
	Hens	Pullets	Total						
1969[1]	312	303	615	93	109	25	842	1.40	1,179
1974	179	361	540	135	85	60	820	1.90	1,558
1979	213	297	510	202	112	26	850	1.70	1,445
1984	129	460	589	101	106	52	848	3.05	2,586
1985	110	468	578	127	157	67	929	4.45	4,134
1986	150	465	615	104	145	74	938	4.05	3,799
1987	131	545	676	107	175	69	1,027	4.34	4,467
1988	193	415	608	235	76	67	986	5.00	4,930
1989	247	479	726	181	95	67	1,069	4.35	4,650
1990	105	538	643	185	166	69	1,063	5.10	5,421

[1]January 1, 1970.

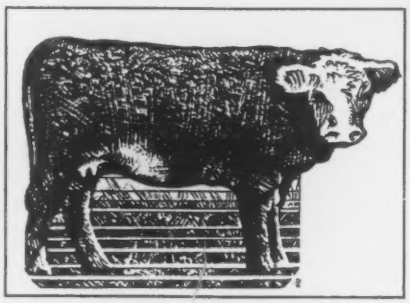
Chickens and Turkeys: Production, Disposition and Value, Delaware, 1969 - 1990[1]

Year	Number Raised	Production Number	Production Pounds[2]	Home Consumption		Pounds Sold	Total Value
				Number	Value		
		Thous. Birds	Thous. Pounds	Thous. Birds	Thous. Dollars	Thous. Pounds	Thous. Dollars
				Chickens[3]			
1969	650	536	3,068	27	15	3,006	814
1974	510	437	2,787	25	12	3,100	589
1979	610	502	2,779	22	14	3,782	547
1983	1,103	1,013	7,215	12	8	6,750	953
1984	800	710	6,453	30	25	6,762	1,242
1985	--	--	--	--	--	6,400	960
1986	--	--	--	--	--	6,400	832
1987	--	--	--	--	--	5,678	625
1988	--	--	--	--	--	6,285	566
1989	--	--	--	--	--	5,250	893
1990	--	--	--	--	--	4,997	500
				Turkeys[4]			
						Cents/lb.	
1969	240	240	3,525			22.1	779
1979	348	--	6,786	--	--	42.0	2,850
1984	64	--	1,408	--	--	49.0	690
1985	11	--	286	--	--	62.0	177
1986[5]	125	--	2,625	--	--	64.0	1,680
1987[5]	133	--	2,660	--	--	60.0	1,596
1988[5]	135	--	2,835	--	--	60.0	1,701
1989[5]	100	--	1,815	--	--	59.8	1,086
1990[5]	110	--	2,348	--	--	69.9	1,640

[1]Marketing year is Dec. 1 of the previous year though Nov. 30 of the year shown.
[2]Number of pounds available for utilization during the year, i.e. sales plus home consumption plus or minus the change in inventory.
[3]Excludes commercial broilers. Marketing year is from December 1 of the previous year to November 30 of the year shown. Estimates discontinued in 1984.
[4]Based on hatch from September 1 of previous year to August 31 of the year shown.
[5]Includes Delaware and Maryland to avoid disclosure of individual operations.

Dairy and Livestock

Milk production declined 5 percent in Delaware in 1990, to 122 million pounds. There were an average 8,900 milk cows on farms during the year, 300 head less than in 1989. Milk per cow also declined during the year to 13,708 pounds, 1 percent below 1989's level. Dairymen received an average $14.90 per hundredweight over the year, up 3 percent from the $14.50 for 1989. Total farm value of milk produced declined 2 percent to $18.0 million.



The January 1, 1991, inventory of **cattle and calves** in Delaware was 28 Thousand, a 10 percent decline from a year earlier. The average value per head made its fourth consecutive climb, to $760, giving the state herd a value of $21.3 million. Cash receipts from cattle and calves were $9.2 million, reflecting heavy marketing and record high prices in 1990. The state's calf crop increased last year to 14 thousand head from the 9 thousand head level of 1989. Commercial cattle slaughter for Delaware - Maryland combined was 45,100 head in 1990, down 3 percent from the previous year, while calf slaughter was also off 3 percent, to 31,300 head.

Hog and pig inventory on December 1, 1990, totaled 31 thousand head, 3 percent less than a year earlier. At $86.00 per head, the state's herd had a value of $2.7 million, virtually unchanged from the December 1, 1989, level. Breeding stock, at 4 thousand head, accounted for 13 percent of the total, while market hogs totaled 27 thousand. Cash receipts increased 15 percent from 1989 to $6.9 million. There were 8,900 litters farrowed during the year, down 9 percent from 1989. Coupled with a slightly higher average litter size, the annual pig crop was 67 thousand head, 7 percent below 1989.

Milk Production: Number Of Cows, Production Per Cow And Total Production Quarterly, Delaware 1970 - 1990

Year	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Annual
			Milk Cows On Farm - Thousand Head[1]		
1970	13.9	13.6	13.4	13.1	13.5
1975	12.3	11.7	11.4	11.3	11.7
1980	10.6	10.4	10.3	10.2	10.4
1984	10.2	10.0	10.0	9.8	10.0
1985	10.0	10.0	10.5	10.5	10.3
1986	10.3	10.3	9.7	9.7	10.0
1987	9.7	9.7	9.5	9.1	9.5
1988	9.2	9.2	9.3	9.3	9.3
1989	9.3	9.1	9.1	9.1	9.2
1990	8.9	8.9	9.0	9.0	8.9
			Production Per Milk Cow - Pounds[2,3]		
1970	2,237	2,449	2,478	2,473	9,630
1975	2,618	2,778	2,772	2,717	10,855
1980	3,050	3,100	3,000	2,900	12,019
1984	3,280	3,400	3,200	3,270	13,150
1985	3,500	3,650	3,600	3,600	14,282
1986	3,590	3,690	3,710	3,610	14,600
1987	3,710	3,710	3,580	3,625	14,632
1988	3,800	3,750	3,570	3,475	14,516
1989	3,650	3,660	3,295	3,340	13,870
1990	3,550	3,470	3,380	3,235	13,708
			Total Production - Million Pounds[2]		
1970	31.1	33.3	33.2	32.4	130
1975	32.2	32.5	31.6	30.7	127
1980	32.3	32.2	30.9	29.6	125
1984	33.5	34.0	32.0	32.0	132
1985	35.0	36.5	37.8	37.8	147
1986	37.0	38.0	36.0	35.0	147
1987	36.0	36.0	34.0	33.0	139
1988	35.0	34.5	33.2	32.3	135
1989	33.9	33.3	30.0	30.4	128
1990	31.6	30.9	30.4	29.1	122

[1]Excludes heifers not yet fresh.
[2]Excludes milk sucked by calves.
[3]Quarterly milk production per cow may not add to the total for the year due to rounding of quarterly estimates.

Average Per Cow, Grain & Concentrates Fed Daily And Average Value Per Cwt. Of Ration Fed, Quarterly, Delaware 1970 - 1990

Year	January 1		April 1		July 1		October 1	
	Pounds Fed	Dollar Value	Pounds Fed	Dollar Value	Pounds Fed	Dollar Value	Pounds Fed	Dollar Value
1970	12.8	4.50	13.3	4.00	11.7	4.00	14.6	4.12
1975	14.8	6.45	16.1	5.98	13.5	5.93	12.1	6.05
1980	15.0	7.30	15.1	7.50	15.2	7.60	15.2	8.60
1984	14.4	9.00	15.3	9.10	14.8	9.05	15.4	8.80
1985	15.9	8.50	16.4	7.85	15.0	7.50	14.0	7.40
1986	15.5	7.80	14.0	8.15	15.6	7.65	15.5	7.65
1987	16.4	7.55	16.0	7.40	16.0	7.50	15.9	7.25
1988	16.9	7.80	16.8	7.70	17.0	8.10	17.0	8.75
1989	16.5	8.60	18.9	9.40	16.3	9.10	14.0	8.70
1990	13.3	8.00	18.5	9.00	14.0	7.60	17.1	7.80

Milk Cows And Milk Production, Delaware 1970 - 1990
Production Of Milk And Milkfat

Year	Number of Milk Cows On Farms[1]	Per Milk Cow Milk	Per Milk Cow Milkfat	Percentage of Fat In All Milk Produced	Total Milk	Total Milkfat
	Thous.	Pounds		Percent	Million Pounds	
1970	13.5	9,630		3.69	130	4.8
1975	11.7	10,855	434	3.70	129	4.7
1980	10.4	12,019	442	3.68	125	4.6
1984	10.0	13,150	483	3.67	132	4.8
1985	10.3	14,282	521	3.65	147	5.4
1986	10.0	14,600	529	3.67	146	5.4
1987	9.5	14,632	540	3.69	139	5.1
1988	9.3	14,516	537	3.70	135	5.0
1989	9.2	13,870	513	3.70	128	4.7
1990	8.9	13,708	502	3.66	122	4.5

[1]Average number during year, excluding heifers not yet fresh.

Milk Disposition, Income And Value, Delaware 1970 - 1990

Year	Combined Marketing of Milk & Cream				Milk Used On Farm Where Produced			Gross Farm Income From Dairy Products[4]	Farm Value of Milk Produced[3,5]
	Milk Utilized	Average Returns[1] Per 100 Pounds	Average Returns[1] Per Pound	Cash Receipts From Marketings	Fed to Calves[2]	All Milk Utilized[3]	Value[3]		
	Million Pounds	Dollars		Thous. Dollars	Million Pounds		Thous. Dollars		
1970	127	6.70	1.81	8,509	1	2	134	8,643	8,710
1975	124	9.51	2.59	11,794	1	2	190	11,984	12,078
1980	123	12.67	3.72	16,825	1	1	137	16,961	17,098
1984	130	14.00	3.81	18,130	1	1	140	18,270	18,410
1985	145	13.10	3.59	19,008	1	1	131	19,139	19,270
1986	144	12.80	3.49	18,432	1	1	128	18,560	18,688
1987	137	13.20	3.58	18,084	1	1	132	18,216	18,348
1988	133	13.00	3.51	17,290	1	1	130	17,420	17,550
1989	126	14.50	3.92	18,212	1	1	145	18,357	18,502
1990	121	14.90	4.07	18,029	1	0	0	18,029	18,178

[1]Cash receipts divided by milk or milkfat represented in combined marketings.
[2]Excludes milk sucked by calves.
[3]Used for milk, cream and butter where produced, valued at average returns per 100 pounds of milk in combined marketing of milk and cream.
[4]Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm churned butter.
[5]Includes value of milk fed to calves.

Number Of Operations With Milk Cows

1987	200
1988	180
1989	180
1990	160

Number Of Livestock Farms[1] By Type: Delaware 1970 - 1990

Year	Farms With Cattle	Farms With Milk Cows	Farms With Hogs & Pigs
1970	1,000	550	900
1975	1,000	400	700
1980	780	280	620
1984	700	250	450
1985	700	230	350
1986	730	230	440
1987	700	220	420
1988	680	180	400
1989	680	180	400
1990	680	160	420

[1]An operation is any place having one or more head of the species on hand at any time during the year.

Number and Value Of Cattle and Calves On Farms In Delaware January 1970 - 1991

Year	All Cattle & Calves Number	All Cattle & Calves Value Per Head	All Cattle & Calves Total Value
	Thous. Head	Dollars	Thous. Dollars
1970	31	225	6,975
1975	33	250	8,250
1980	30	675	20,250
1984	30	605	18,150
1985	26	615	15,990
1986	27	615	16,605
1987	33	555	18,315
1988	31	625	19,375
1989	31	655	20,305
1990	31	700	21,700
1991	28	760	21,280

Number and Value Of Hogs and Pigs On Farms In Delaware December 1, 1969 - 1990

Year	All Hogs & Pigs Number	All Hogs & Pigs Value Per Head	All Hogs & Pigs Total Value
	Thous. Head	Dollars	Thous. Dollars
1969	51	35.40	1,805
1974	48	47.50	2,280
1979	50	51.50	2,575
1984	36	70.00	2,520
1985	50	68.00	3,400
1986	60	95.00	5,700
1987	58	80.00	4,640
1988	33	70.50	2,327
1989	32	83.00	2,656
1990	31	86.00	2,666

Cattle: Number By Classes, Delaware, January 1, 1970 - 1991

Species and Class	1970	1975	1980	1985	1986	1987	1988	1989	1990	1991
	Thousand Head									
All Cattle and Calves-January 1	31	33	30	26	27	33	31	31	31	28
Cows and Heifers that have calved	18	18	15	12	12	13	11	12	11	12
Beef Cows	4	5	4	2	2	3	2	3	2	3
Milk Cows	14	13	11	10	10	10	9	9	9	9
Heifers 500 pounds and over	6	5	6	5	6	7	7	7	4	5
For Beef Cow Replacement	1	1	1	1	1	1	1	1	1	1
For Milk Cow Replacement	3	3	3	3	3	3	3	3	2	3
Other	2	1	2	1	2	2	2	2	1	1
Steers 500 pounds and over	2	3	3	3	4	6	7	6	9	6.8
Bulls 500 pounds and over	1	1	1	1	1	1	1	1	1	.2
Heifers, Steers and Bulls Under 500 pounds	4	6	5	5	4	7	6	6	6	4
Calves born during previous year	15	16	13	10	10	13	11	11	9	11

Hogs: Number By Classes, Delaware, December 1, 1969 - 1990

Species and Class	1969	1974	1979	1984	1985	1986	1987	1988	1989	1990
	Thousand Head									
All Hogs and Pigs-December 1	51	48	50	36	50	60	58	33	32	31
Breeding Hogs	8	10	7	6	10	11	10	7	5	4
Market Hogs	43	38	43	30	40	49	48	26	27	27
Under 60 pounds	16	16	14	11	20	20	17	15	10	11
60-119 pounds	11	7	12	6	6	12	10	5	7	8
120-179 pounds	9	9	10	6	6	8	7	4	7	6
180-pounds and over	7	6	7	7	8	9	14	2	3	2

Sows Farrowed, Pigs Per Litter And Pig Crops: Delaware 1969 - 1990

Year	Sows Farrowed			Pigs Per Litter			Pig Crop		
	Dec - May[1]	June - Nov	Annual Total	Dec - May[1]	June - Nov	Annual Average	Dec - May[1]	June - Nov	Annual Total
	Thousand Head			Number			Thousand Head		
1969	4.7	5.5	10.2	7.3	7.5	7.4	34	41	75
1974	6.8	5.6	12.4	7.0	7.4	7.2	48	41	89
1979	6.5	5.0	11.5	7.3	7.0	7.1	47	35	82
1984	4.8	3.6	8.4	7.5	7.2	7.4	36	26	62
1985	6.0	6.0	12.0	8.5	7.8	8.2	51	47	98
1986	8.9	9.6	18.5	8.0	6.9	7.4	71	66	137
1987	9.0	8.0	17.0	6.7	7.6	7.1	60	61	121
1988	5.2	6.4	11.6	8.3	6.9	7.5	43	44	87
1989	6.4	3.4	9.8	7.2	7.6	7.3	46	26	72
1990	5.2	3.7	8.9	8.7	5.9	7.5	45	22	67

[1]December preceding year.

Meat Animals: Inventory, Supply and Disposition, Delaware 1970 - 1990

Year & Class	On Hand First Of Year	Births	Inshipments	Marketings[2]	Farm Slaughter[3]	Deaths	On Hand End Of Year
			Thous. Head				
Cattle & Calves[1]							
1970	31	15	0	12	1	2	31
1975	33	15	0	12	1	3	33
1980	30	13	0	7	1	3	32
1984	30	10	0	11	1	2	26
1985	26	10	0	6	1	2	27
1986	27	13	0	6	0	1	33
1987	33	11	0	10	1	2	31
1988	31	11	0	8	1	2	31
1989	31	9	0	6	1	2	31
1990	31	14	3	14	1	2	28
Hogs & Pigs[1]							
1970	51	84	0	66	2	7	60
1975	48	89	7	86	1	7	50
1980	50	78	6	59	2	8	56
1984	40	62	6	66.9	0.1	5	36
1985	36	98	5	83.9	0.1	5	50
1986	50	137	7	126.9	0.1	7	60
1987	60	121	8	122.9	0.1	8	58
1988	58	87	5	111.9	0.1	5	33
1989	33	72	5	71.5	1.5	5	32
1990	32	67	1	63.0	2.0	4	31

[1]Cattle and calves - Jan. 1 - Dec. 31; Hogs and pigs - Dec. 1 to Nov. 30.
[2]Includes custom slaughter for use on farms where produced, but excludes inter-farm sales within the state.
[3]Excludes custom slaughter for farmers at commercial establishments.

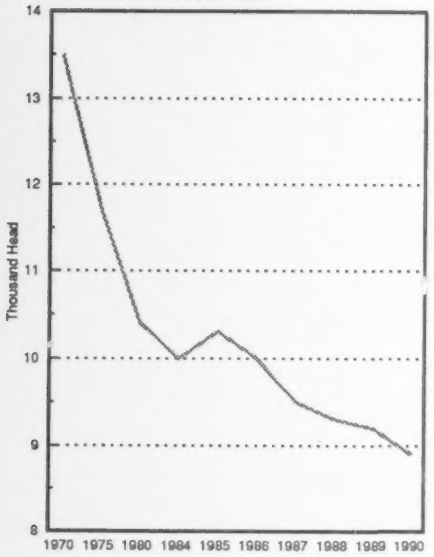
Meat Animals: Production and Income, Delaware 1970 - 1990

Year & Class	Production[1]	Marketings[2]	Average Price Per 100 Pounds		Value of Production	Cash Receipts[3]	Value of Home Consumption	Gross Income
	Thous. Pounds		Dollars				Thous. Dollars	
			Cattle	Calves				
Cattle & Calves								
1970	8,030		22.20	39.00		1,834	355	2,189
1975	9,685	7,840	27.40	33.20	2,695	2,208	466	2,674
1980	7,500	5,070	54.00	84.80	4,256	2,944	648	3,592
1984	5,045	6,275	51.60	64.50	2,749	3,350	1,296	4,646
1985	7,595	3,755	47.60	61.80	3,652	1,826	1,229	3,055
1986	8,955	3,755	46.10	57.90	4,305	1,763	1,720	2,483
1987	8,145	6,645	54.20	67.80	4,514	3,711	1,517	5,228
1988	7,895	5,240	61.40	78.20	4,981	3,308	1,673	4,981
1989	6,510	3,855	62.80	79.10	4,185	2,476	1,709	4,185
1990	11,940	13,743	65.80	107.00	7,807	9,228	1,255	10,483
Hogs & Pigs								
1970	16,580		24.70			3,674	193	3,867
1975	17,406	17,720	46.90		8,211	8,471	244	8,715
1980	13,356	10,750	40.10		5,459	4,358	341	4,699
1984	13,251	13,785	48.00		6,385	6,785	22	6,807
1985	19,102	17,606	44.40		8,522	7,960	20	7,980
1986	28,140	27,100	48.40		13,643	13,295	26	13,321
1987	25,925	26,041	50.10		13,012	13,253	27	13,280
1988	18,458	22,515	42.10		7,812	9,622	181	9,803
1989	14,527	14,079	41.80		6,092	6,000	270	6,270
1990	13,704	13,354	50.90		7,048	6,888	450	7,338

[1]Adjustments made for inshipments and changes in inventory.
[2]Excludes custom slaughter for use on farms where produced and inter-farm sales within state.
[3]Receipts from marketings and sale of farm slaughter.

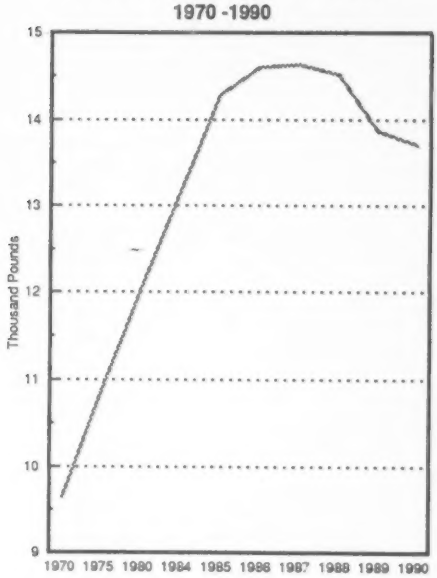
Milk Cows On Farm

1970 -1990



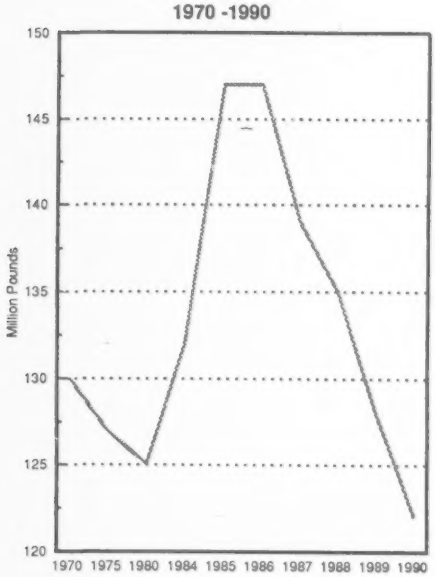
Production per Milk Cow

1970 -1990



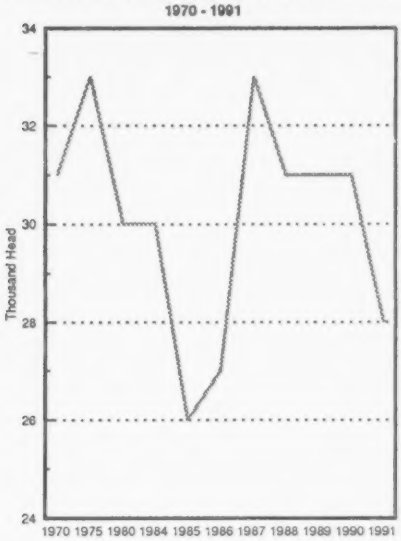
Total Production

1970 -1990



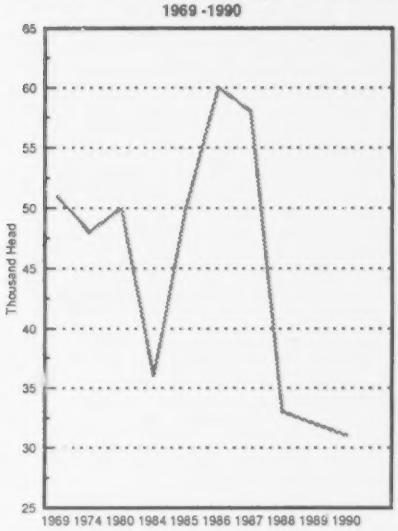
Number Of Cattle and Calves On Farms

1970 - 1991



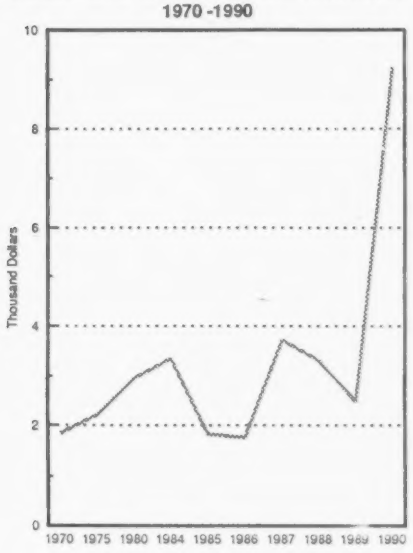
Number Of Hogs and Pigs On Farms

1969 -1990



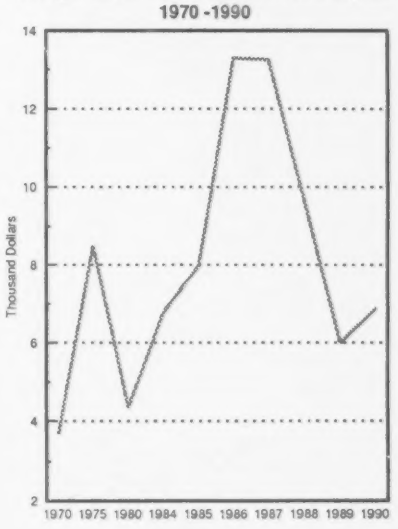
Cattle and Calves Cash Receipts

1970 -1990



Hogs and Pigs Cash Receipts

1970 -1990



Commercial Livestock Slaughtered[1]: Delaware and Maryland 1989 - 1990

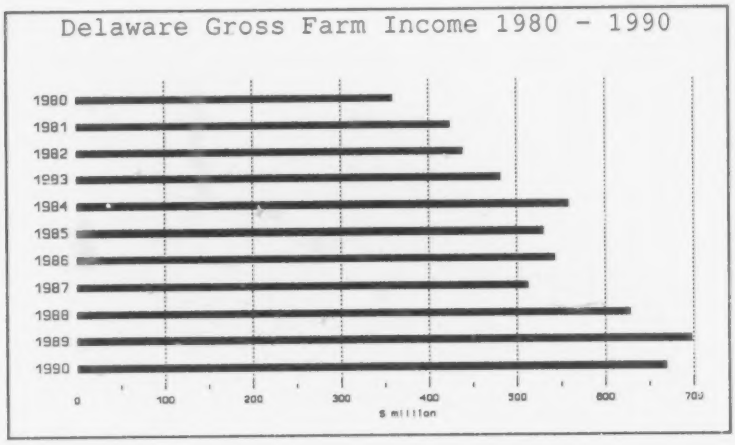
Species And Month	1989			1990		
	No. of Head Slaughtered	Average Liveweight	Total Liveweight	No. of Head Slaughtered	Average Liveweight	Total Liveweight
	Thous.	Pounds	Thous. Lbs.	Thous.	Pounds	Thous. Lbs.
Cattle						
January	4.3	1,150	4,984	4.3	1,160	5,026
February	3.6	1,173	4,428	3.7	1,171	4,287
March	3.9	1,181	4,570	3.9	1,178	4,652
April	3.7	1,185	4,346	3.5	1,183	4,107
May	4.0	1,184	4,770	3.7	1,196	4,454
June	3.7	1,187	4,440	3.5	1,194	4,213
July	3.3	1,192	3,966	3.4	1,192	4,069
August	3.8	1,191	4,581	3.7	1,184	4,359
September	3.8	1,196	4,494	3.5	1,199	4,147
October	4.1	1,152	4,721	4.4	1,173	4,738
November	4.4	1,135	4,993	4.4	1,155	4,642
December	3.6	1,173	4,239	3.8	1,180	4,534
Total[2]	46.3	1,174	54,344	45.1	1,180	53,229
Calves						
January	2.7	369	1,014	3.2	383	1,239
February	2.3	381	874	2.9	381	1,091
March	2.5	389	959	2.4	373	883
April	2.8	380	1,059	2.4	380	912
May	3.3	381	1,260	4.2	382	1,594
June	2.8	382	1,054	3.5	380	1,332
July	2.4	394	956	2.3	420	979
August	2.3	390	904	2.4	365	865
September	2.3	387	872	2.5	426	1,067
October	2.8	379	1,052	2.7	410	1,087
November	3.0	387	1,141	1.7	417	712
December	3.2	373	1,208	1.2	418	484
Total[2]	32.3	383	12,351	31.3	392	12,245
Hogs						
January	20.6	224	4,606	19.6	211	4,142
February	16.3	221	3,605	16.3	223	3,643
March	16.9	224	3,774	18.9	220	4,154
April	15.6	227	3,541	16.6	225	3,731
May	17.5	223	3,900	17.0	208	3,538
June	17.8	222	3,967	16.7	221	3,684
July	16.9	215	3,627	15.2	218	3,315
August	18.7	213	3,970	17.4	216	3,765
September	18.5	216	4,006	17.3	218	3,784
October	19.0	221	4,188	19.2	218	4,187
November	20.0	215	4,296	19.8	224	4,432
December	22.4	212	4,736	24.2	225	5,464
Total[2]	220.1	219	48,217	218.3	219	47,839
Sheep And Lambs						
January	1.4	114	162	1.9	104	195
February	1.2	111	132	1.6	106	171
March	1.6	107	173	1.8	107	192
April	1.5	100	147	1.9	101	195
May	1.6	96	155	1.6	105	172
June	1.6	99	157	1.7	102	171
July	1.7	101	168	1.9	100	194
August	2.1	102	212	2.1	103	217
September	1.9	101	191	1.9	100	187
October	1.7	100	170	2.0	93	189
November	1.8	100	183	2.3	98	223
December	1.8	101	186	2.1	100	208
Total[2]	19.9	102	2,035	22.8	101	2,313

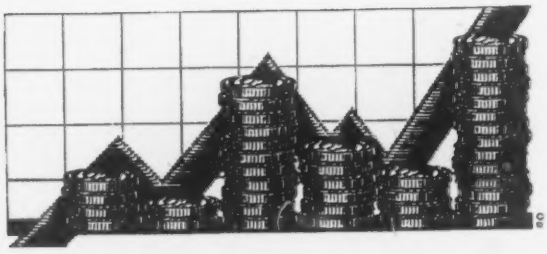
[1]Includes slaughter under federal inspection and other commercial slaughter; excludes farm slaughter.
[2]May not add due to rounding.

Income and Prices

Delaware's gross farm income was $669 million in 1990, a 4 percent decrease from the previous year's record high of $698 million. A 12 percent decline in cash receipts from broilers, our leading commodity, was partially offset by increases in cattle and hogs, and a 16 percent increase in cash receipts from crops.

Leading the increase in income from crops was potatoes, up 83 percent; followed by corn at 43 percent.





Cash Receipts From Marketings, by Commodities, Delaware 1988 - 1990[1]

Commodity	1988		1989		1990	
	Value $1,000	Percent Of Total	Value $1,000	Percent Of Total	Value $1,000	Percent Of Total
Livestock And Products	443,537	74.5	502,608	75.9	459,832	71.3
Broilers	396,855	66.6	458,490	69.2	405,475	62.9
Dairy Products	17,290	2.9	18,212	2.8	18,029	2.8
Hogs	9,622	1.6	6,000	.9	6,888	1.1
Eggs	12,897	2.2	13,505	2.0	16,575	2.6
Cattle & Calves	3,308	.6	2,476	.4	9,228	1.4
Farm Chickens	566	.1	893	.1	500	.1
Other[2]	2,999	.5	3,032	.5	3,137	.5
All Crops	151,842	25.5	159,032	24.0	184,736	28.7
Field Crops	76,690	12.8	82,082	12.4	89,801	13.9
Soybeans	41,304	6.8	40,716	6.2	41,908	6.5
Corn	19,710	3.3	24,921	3.8	35,593	5.5
Wheat	10,770	1.8	11,157	1.7	7,802	1.2
Barley	3,393	.6	3,589	.5	3,114	.5
Hay	1,165	.2	1,376	.2	1,192	.2
Other[3]	348	--	323	--	192	--
Vegetables And Melons	36,502	6.1	38,322	5.8	53,346	8.3
Potatoes	16,147	2.7	13,750	2.1	25,113	3.9
Green Peas[4]	2,120	.4	2,227	.3	4,229	.7
Sweet Corn[4]	1,821	.3	2,363	.3	2,517	.4
Other Vegetables	16,414	2.76	19,982	3.0	21,487	3.3
Fruits & Nuts	3,499	.6	2,380	.4	3,489	.5
Apples	2,309	.4	1,725	.3	2,864	.4
Peaches	660	.1	135	--	83	--
Misc. Fruits & Nuts	530	.1	520	.1	542	.1
Greenhouse & Nursery	31,500	5.3	32,000	4.8	33,000	5.
Mushrooms	3,651	.6	4,248	.6	5,100	.8
Forest Products[5]	2,250	.4	2,300	.3	2,300	.3
All Commodities	595,379	100.0	661,640	100.0	644,568	100.0

[1]Estimates by Economic Research Service, USDA. 1988-89 revised, 1990 preliminary.
[2]Includes miscellaneous livestock, poultry and products, horses, etc.
[3]Includes seed and other field crops.
[4]Processing only.
[5]Not included in farm income computations on page 39.

Farm Income, Delaware 1985 - 1990[1]

Item	1985	1986	1987	1988	1989	1990
			Million Dollars			
Gross Farm Income:						
Cash Receipts from Farm Marketings	492.1	520.1	487.0	595.4	661.6	644.6
Direct Government Payments[2]	3.2	7.0	12.2	10.5	4.8	3.2
Non-Money Items & Related Income	29.9	16.5	17.9	19.0	20.2	20.1
Inventory Change	5.0	-.8	-4.8	3.4	11.0	1.1
Total	530.2	542.8	512.3	628.3	697.6	669.0
Farm Production Expenses	417.2	394.4	397.7	463.2	494.2	494.5
Net Farm Income	113.0	148.4	114.6	165.1	203.4	174.5

[1]Source: Economic Research Service publication: "Economic Indicators of the Farm Sector." Cash receipts net CCC loans. Details may not add due to rounding.
[2]Includes cash payments and PIK entitlements.

Farm Expenses, Delaware 1985 - 1990[1]

Item	1985	1986	1987	1988	1989	1990
			Million Dollars			
Feed	162.7	153.2	152.3	204.3	207.4	204.7
Livestock & Poultry Purchased	47.9	45.5	45.5	48.8	56.8	58.8
Seed	7.4	8.0	8.5	8.7	9.3	9.3
Fertilizer and Lime	19.3	16.7	15.5	16.7	17.4	17.1
Fuels and Oil	11.2	9.1	8.5	8.7	8.8	10.1
Interest						
Non-Real Estate	17.0	13.5	12.7	14.4	15.0	14.8
Mortgage	14.6	14.7	12.3	13.5	13.5	13.9
Hired Labor	19.7	21.5	23.9	24.5	27.1	29.8
Repair and Operation	12.4	10.8	11.4	10.9	11.7	12.5
Miscellaneous	56.8	57.3	63.9	69.0	84.2	79.4
Depreciation	38.2	33.2	31.2	31.5	32.3	31.6
Property Taxes	1.4	3.6	4.4	4.4	4.7	5.1
Net Rent to Non-Operator Landlords	8.6	7.3	7.6	7.8	6.1	7.4
Total	417.2	394.4	397.7	463.2	494.3	494.5

[1]Source: Economic Research Service publication: "Economic Indicators of the Farm Sector." Details may not add due to rounding.

U.S. Farm Production Expenditures, 1990

Farm production expenditures totaled $131.6 billion in 1990, up 6.0 percent from $124.1 billion in 1989. Expenditures were higher for all major categories except feed and fertilizer which decreased 0.6 percent and 1.0 percent, respectively. Farm services including rent, the largest 1990 expenditure by farmers at $28.0 billion, accounted for 21 percent of the nation's production expenses. This level was 4.7 percent above 1989. Feed expenses totaled $18.1 billion and accounted for 14 percent of the U.S. total. Average expenditures per farm were $61,532, an increase of $4,271 from 1989.

Large farm (sales over $100,000) expenditures averaged $315,260 and accounted for 71 percent of the U.S. total. Purchases of farm services, feed, labor, and livestock & poultry were major expenses (nearly 60 percent of the total) for operations with sales over $100,000.

Medium sized farm (sales of $40,000-$99,999) expenses averaged $77,831 for 1990 and contributed 14 percent of the U.S. total. Leading expenditures for medium sized farms were farm services, feed, and farm machinery.

Small farm (sales less than $40,000) expenditures averaged $15,814 and accounted for 15 percent of the nation's production expenses. The three leading expenditure categories for small farms were farm services, feed, and farm machinery.

Farm Production Expenditures, United States 1989 - 1990

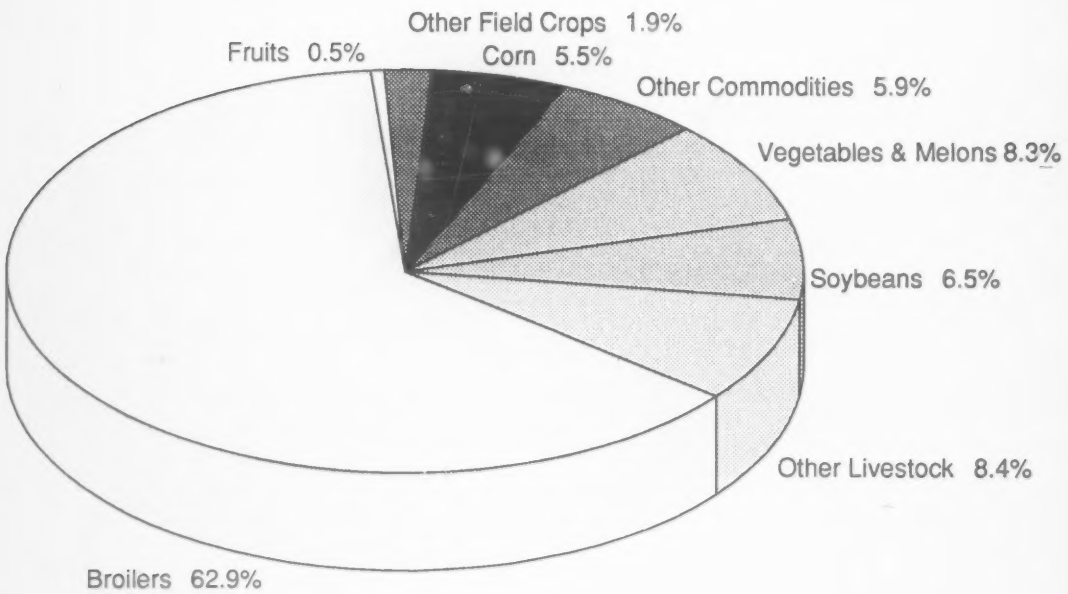
Expenditure Farm Share	U.S. Average Per Farm 1989	U.S. Average Per Farm 1990	U. S. Total Expenditures		Northeast U.S. Total Expenditures[1]	
			1989	1990	1989	1990
	Dollars		Million Dollars		Million Dollars	
Total Expenditures	57,261	61,532	124,124	131,554	8,430	9,394
Livestock & Poultry	6,468	7,016	14,019	15,000	465	594
Feed	8,408	8,475	18,225	18,119	1,924	1,928
Farm Services	12,335	13,091	26,739	27,988	1,352	1,376
Ag Chemicals & Sprays	2,098	2,231	4,548	4,769	208	192
Fertilizer	3,317	3,330	7,191	7,119	323	405
Interest	3,879	4,371	8,409	9,345	438	564
Taxes (Property)	1,930	2,194	4,183	4,690	359	572
Labor	5,232	6,246	11,340	13,354	1,217	1,343
Fuels & Lubricants	2,053	2,418	4,449	5,169	252	317
Farm Supplies	1,085	1,404	2,351	3,002	271	295
Building & Fencing	1,060	1,243	2,297	2,657	298	376
Farm & Land Improvements	408	519	883	1,110	64	78
Farm Machinery	5,937	6,053	12,869	12,941	857	939
Seeds & Plants	1,778	1,840	3,855	3,933	258	262
Trucks & Autos	982	1,024	2,129	2,190	136	133

[1]Includes Delaware, Maryland, New England, New Jersey, New York and Pennsylvania.

Delaware Cash Farm Receipts

Major Commodities

1990



Delaware Agricultural Statistics Service 6/91

Average Prices Received By Farmers, Delaware 1986 - 1990

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Season Average[1]
						Corn-Dollars Per Bushel							
1986	2.62	2.56	2.55	2.55	2.64	2.57	2.25	1.97	1.78	1.78	1.80	1.77	1.77
1987	1.74	1.70	1.72	1.79	1.96	2.01	1.85	1.75	1.90	1.99	2.03	2.08	2.05
1988	2.18	2.22	2.24	2.25	2.30	2.31	3.69	3.12	3.11	3.12	2.93	2.96	3.01
1989	3.01	2.93	2.93	2.87	2.91	2.84	2.85	2.65	2.53	2.58	2.61	2.65	2.65
1990	2.70	2.70	2.75	2.92	3.05	3.06	3.01	2.71	2.49	2.33	2.19	2.35	2.40
						Barley-Dollars Per Bushel							
1986	1.43	1.40	1.55	1.32	1.34	1.25	1.17	1.17	1.14	1.20	1.30	1.40	1.35
1987	1.40	1.45	1.40	1.35	1.36	1.14	1.11	1.13	1.20	1.25	1.20	1.30	1.15
1988	1.45	1.60	1.54	1.59	1.72	1.67	1.96	1.90	2.09	2.15	2.15	2.07	1.83
1989	2.34	2.40	2.14	1.98	2.16	1.95	1.87	1.82	1.83	1.87	1.92	1.94	1.95
1990	1.97	1.99	2.00	1.98	1.95	1.90	1.92	1.81	1.81	1.81	1.75	1.84	1.90
						Wheat-Dollars Per Bushel							
1986	3.30	3.20	3.25	3.21	3.05	2.45	2.40	2.34	2.43	2.56	2.50	2.92	2.44
1987	3.00	2.80	2.95	3.05	3.02	2.46	2.40	2.47	2.73	2.90	2.85	2.77	2.45
1988	3.00	2.86	2.76	2.92	2.80	3.43	3.52	3.47	3.73	3.80	3.83	3.93	3.57
1989	4.30	4.03	4.12	3.75	3.99	3.54	3.39	3.47	3.60	3.72	3.64	3.79	3.45
1990	3.62	3.64	3.26	3.33	3.36	3.11	2.92	2.70	2.65	2.70	2.39	2.50	2.85
						Rye-Dollars Per Bushel							
1986	2.48	2.28	2.03	2.30	2.20	1.85	1.55	1.65	1.60	1.65	1.65	2.00	1.62
1987	1.98	1.85	1.75	1.70	2.12	1.80	1.73	1.65	1.75	1.80	1.80	1.90	1.75
1988	1.93	1.88	1.73	1.69	1.83	1.55	1.55	1.54	2.36	3.14	4.55	3.84	2.05
1989	4.50	3.87	4.55	3.58	3.61	3.22	2.88	2.81	2.85	2.98	2.97	2.61	2.85
1990	2.64	2.86	2.85	2.80	2.86	3.52	2.40	2.20	2.40	2.40	2.20	2.20	2.30
						Soybeans-Dollars Per Bushel							
1986	5.28	5.15	5.30	5.10	5.07	4.92	4.85	4.64	4.63	4.60	4.86	4.82	4.84
1987	4.87	4.83	4.84	5.10	5.50	5.60	5.24	5.06	5.20	5.27	5.53	5.85	5.90
1988	6.11	6.12	6.18	6.63	7.18	8.79	8.62	8.37	8.47	7.80	7.51	7.56	7.56
1989	7.73	7.35	7.59	7.23	7.23	7.11	7.13	6.16	5.65	5.41	5.58	5.68	5.55
1990	5.63	5.59	5.71	5.77	6.02	5.73	5.90	5.90	6.02	5.94	5.37	5.60	5.65
						All Hay-Dollars Per Ton							
1986	86.00	90.00	84.00	83.00	81.00	82.00	90.00	97.00	108.00	114.00	127.00	129.00	118.00
1987	124.00	130.00	125.00	118.00	114.00	91.00	93.00	97.00	102.00	101.00	106.00	106.00	99.00
1988	95.00	95.00	92.00	99.00	93.00	97.00	105.00	105.00	122.00	108.00	111.00	103.00	102.00
1989	100.00	95.00	97.00	95.00	96.00	96.00	87.00	81.00	96.00	94.00	103.00	95.00	92.50
1990	115.00	99.00	104.00	108.00	111.00	105.00	103.00	89.00	86.00	95.00	99.00	93.00	89.00
						Alfalfa Hay-Dollars Per Ton							
1986	100.00	105.00	96.00	93.00	97.00	95.00	105.00	110.00	120.00	123.00	140.00	140.00	130.00
1987	136.00	140.00	135.00	130.00	125.00	98.00	102.00	111.00	120.00	115.00	118.00	120.00	107.00
1988	100.00	100.00	100.00	109.00	103.00	105.50	115.00	123.50	142.00	133.00	127.00	120.00	118.00
1989	123.50	106.50	114.00	105.50	111.50	107.50	98.00	97.00	116.00	120.00	113.00	123.00	117.00
1990	134.00	112.00	118.00	116.00	124.00	122.00	120.00	95.00	88.00	100.00	112.00	100.00	98.00
						All Other Hay-Dollars Per Ton							
1986	75.00	77.00	75.00	75.00	68.00	71.00	77.00	86.00	99.00	107.00	117.00	120.00	109.00
1987	115.00	121.00	116.00	109.00	105.00	85.00	85.00	85.00	88.00	90.00	97.00	95.00	90.50
1988	94.00	90.00	85.00	90.00	84.00	90.00	97.50	90.00	105.00	86.50	98.00	88.50	102.00
1989	81.00	85.50	82.50	87.00	82.50	86.00	79.00	67.00	80.00	74.00	95.00	90.00	88.10
1990	98.00	89.00	93.00	101.00	101.00	91.00	90.00	85.00	85.00	90.00	89.00	87.00	82.00
						Beef Cattle-Dollars Per Cwt.							
1986	47.70	45.80	45.80	43.90	44.40	45.60	45.10	47.50	48.20	46.00	46.90	46.00	46.10
1987	47.70	50.10	51.30	54.20	56.70	58.40	55.60	54.00	55.90	56.50	57.60	54.70	54.20
1988	59.50	61.10	60.00	62.30	63.90	61.40	61.60	60.50	63.20	62.10	60.20	61.10	61.40
1989	61.80	62.90	63.40	61.70	64.20	63.10	62.00	61.80	64.50	61.40	62.80	63.60	62.80
1990	52.90	53.10	54.10	52.80	56.50	56.20	54.70	54.10	55.00	53.70	50.00	53.70	53.90

Average Prices Received By Farmers, Delaware 1986 - 1990

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Season Average[1]
Steers And Heifers-Dollars Per Cwt.													
1986	52.70	50.00	51.00	48.70	50.00	49.70	50.00	53.00	54.00	51.00	52.00	51.20	51.10
1987	52.70	55.00	56.50	60.00	62.30	61.30	61.00	60.00	62.00	64.00	64.90	59.90	60.10
1988	65.80	67.90	66.30	68.40	70.00	69.00	68.70	66.40	74.50	68.60	65.90	[illegible]10	68.30
1989	69.90	70.50	71.90	69.40	70.90	70.30	67.70	68.70	73.70	67.60	69.70	.70	70.10
1990	69.90	67.90	71.00	72.50	72.90	77.00	74.40	76.20	70.60	69.90	69.60	.50	72.20
Cows-Dollars Per Cwt[2].													
1986	38.50	38.00	36.20	35.00	34.10	38.10	35.90	37.20	37.50	36.70	37.50	36.40	36.80
1987	38.50	40.90	41.50	43.50	46.40	47.30	45.50	41.00	44.70	42.50	44.00	45.00	43.30
1988	47.90	48.60	48.20	51.00	52.60	47.40	48.30	49.50	42.10	50.00	44.60	48.20	48.60
1989	46.80	48.70	47.70	47.30	51.60	49.60	51.50	49.10	47.30	49.80	49.90	50.50	49.10
1990	52.90	53.10	54.10	52.80	56.50	56.20	54.70	54.10	55.00	53.70	50.00	53.70	53.90
Calves-Dollars Per Cwt.													
1986	59.90	59.10	61.00	59.00	55.70	62.00	59.20	55.00	58.80	56.00	56.00	55.00	57.90
1987	56.60	58.00	60.00	63.00	73.00	72.10	74.20	76.00	73.30	74.00	71.20	73.50	67.80
1988	79.40	81.40	73.40	79.10	82.10	80.80	80.80	79.00	85.00	75.60	78.20	77.10	78.20
1989	83.70	81.00	77.50	83.70	75.30	92.50	76.60	77.50	75.70	79.30	73.50	73.00	79.10
1990	89.80	91.80	102.00	104.00	110.00	134.00	109.00	112.00	114.00	109.00	95.70	103.00	107.00
Hogs-Dollars Per Cwt.													
1986	45.00	43.90	40.00	39.30	43.20	48.30	57.50	57.70	59.10	51.30	52.60	52.40	48.40
1987	46.40	48.20	45.40	48.20	53.00	55.20	58.00	56.60	54.70	47.70	43.50	40.20	50.10
1988	41.70	46.30	43.30	42.60	44.40	47.90	44.60	46.40	41.40	39.80	38.30	37.10	42.10
1989	42.00	38.80	39.00	35.90	38.00	44.10	45.40	44.80	42.50	45.30	44.90	47.10	41.90
1990	45.60	46.30	47.30	49.80	57.20	58.40	56.40	54.30	51.40	53.20	48.00	46.10	50.90
Broilers-Cents Per Pound													
1986	34.6	32.0	33.5	33.5	37.0	39.5	45.5	45.0	40.5	42.0	37.0	31.0	37.5
1987	33.0	32.5	30.0	31.0	31.0	28.5	29.5	35.0	29.5	26.0	29.0	27.0	30.5
1988	29.5	28.5	32.0	30.5	39.0	42.0	42.0	45.0	47.0	39.0	37.0	39.0	36.5
1989	40.0	39.0	41.0	42.0	49.0	46.0	41.0	38.0	41.0	33.0	34.0	29.5	40.5
1990	34.5	38.5	39.0	34.5	37.5	36.0	39.5	36.0	36.0	29.5	29.0	32.0	35.0
Chickens, Excluding Broilers-Cents Per Pound													
1986	14.0	12.0	9.0	9.0	10.0	8.0	14.0	15.0	13.0	20.0	21.0	19.0	13.0
1987	18.0	15.0	12.0	9.0	6.0	5.0	7.0	11.0	12.0	10.0	13.0	5.0	11.0
1988	4.2	4.1	4.5	5.5	3.5	3.5	8.5	21.0	19.5	19.0	20.0	15.0	9.0
1989	13.5	16.5	20.5	22.0	19.0	14.5	13.5	16.5	13.5	16.0	20.6	15.5	17.0
1990	16.0	13.5	17.0	9.0	7.5	6.5	6.0	8.5	6.0	7.5	11.5	13.0	10.0
All Eggs, Cents Per Dozen[3]													
1986	99.0	94.0	101.0	95.0	93.0	93.0	101.0	102.0	102.0	100.0	102.0	106.0	98.0
1987	99.0	98.0	97.0	99.0	98.0	97.0	99.0	100.0	104.0	98.0	103.0	94.0	101.0
1988	86.0	91.0	107.0	111.0	111.0	106.0	113.0	114.0	109.0	112.0	112.0	106.0	106.0
1989	107.0	112.0	113.0	110.0	114.0	114.0	114.0	116.0	109.0	109.0	114.0	109.0	111.0
1990	108.0	102.0	107.0	106.0	99.5	103.0	103.0	105.0	158.0	154.0	154.0	112.3	117.0

[1]See marketing seasons at the end of table.
[2]Includes cull dairy cows sold for slaughter, but not dairy cows for herd replacement.
[3]Includes table eggs and hatching eggs.

Marketing Season For Delaware Commodities

Apples	July 1 to June 30	Rye	July 1 to June 30
Soybeans	Sept. 1 to Aug. 31	Soybeans	Sept. 1 to Aug. 31
Barley	June 1 to May 31	Wheat	June 1 to May 31
Corn for grain	Sept. 1 to Aug. 31		
Hay	June 1 to May 31	Cattle & Calves	Jan. 1 to Dec. 31
Oats	June 1 to May 31	Hogs	Dec. 1 to Nov. 30
Peaches	July 1 to Sept. 30	Poultry	Dec. 1 to Nov.
Potatoes	July - Dec. current year	Eggs	Dec. 1 to Nov. 30

County Summary Highlights, December 1987[1]

Item	New Castle	Kent	Sussex
Farms, Number	380	857	1,729
Land in Farms, Acres	93,998	201,444	312,803
Farms by Size:			
1 to 9 Acres	35	73	406
10 to 49 Acres	114	251	502
50 to 179 Acres	98	268	422
180 to 499 Acres	78	162	241
500 to 999 Acres	30	57	101
1,000 Acres or More	25	46	57
Total Cropland, Farms	363	791	1,243
Total Cropland, Acres	78,162	170,377	252,751
Irrigated Land, Farms	44	113	227
Irrigated Land, Acres	2,063	18,521	40,228
Farms by Value of Sales:			
Less than $2,500	107	199	234
$2,500 to $4,999	37	115	118
$5,000 to $9,999	40	111	146
$10,000 to $24,999	55	101	124
$25,000 to $49,000	36	86	92
$50,000 to $99,999	41	59	157
$100,000 or More	64	186	858
Operators by Principal Occupation			
Farming	211	483	1,080
Other	169	374	649
Livestock - Cattle & Calves Inventory			
Number of Farms	83	226	152
Number of Cattle & Calves	4,619	16,179	10,393
Livestock - Beef Cows Inventory			
Number of Farms	37	82	97
Number of Beef Cows	374	788	1,025
Livestock - Milk Cows Inventory			
Number of Farms	20	113	36
Number of Milk Cows	1,750	5,473	2,172
Livestock - Hogs & Pigs Inventory			
Number of Farms	15	97	189
Number of Hogs & Pigs	1,079	5,958	42,677

[1]Selected data from the 1987 Census of Agriculture, Bureau of the Census, U.S. Department of Commerce.

Total Commercial Fertilizers Consumption In Delaware[1]

July 1, 1988 - June 30, 1989[2]	July 1, 1989 - June 30, 1990
Nutrient Tons	
Mixtures	
N	5,374	5,740
P_2O_5	5,979	7,145
K_2O	7,406	9,178
Total	18,760	22,063
Mixtures and Materials Combined	
N	17,390	21,225
P_2O_5	6,328	7,492
K_2O	14,322	20,572
Total	38,041	49,289

[1]Source: National Fertilizer Development Center, Tennessee Valley Authority.
[2]Revised.

Commercial Fertilizer, Direct Application Materials Years Ended June 30, 1989 - 1990[1]

Fertilizer	Delaware		United States	
	1989[2]	1990	1989[2]	1990
	Tons			
Ammonia Anhydrous	0	0	4,623,953	4,634,471
Ammonium Nitrate	2,109	1,285	1,898,668	1,777,561
Ammonium Sulfate	5,132	5,870	817,680	874,758
Nitrogen Solutions	33,300	45,699	7,056,966	7,786,466
Ammonium Thiosulfate	2,528	5,372	154,618	165,972
Urea	398	649	3,381,855	3,738,827
Superphosphates				
Under 22%	0	0	27,471	13,717
Over 22%	673	621	579,231	579,841
Other Phosphates	75	115	200,524	187,646
Potassium Chloride 60% and 62% K_2O	11,213	18,680	4,875,570	5,357,809
Potassium Sulfate 50% K_2O	4	151	102,234	136,174
Other Potassium	1,253	1,862	290,459	321,215

[1]Source: National Fertilizer Development Center, Tennessee Valley Authority.
[2]Revised.

Agricultural Chemical Usage, Delaware and United States 1990

Funding for collection of this information was provided through the President's Water Quality Initiative and begins the process of developing a data series on chemical use. The information presented is a result of sample surveys conducted in the 1990 crop year.

Soybeans: Frequency and Extent of Nitrogen, Phosphorous and Potassium Fertilizer Usage 1990

State	Area Planted	Area Applied	Applications	Active Ingredient		
				Rate per application	Rate per crop year	Total applied
	thous. acres	percent	number	pounds	pounds	million pounds
			Nitrogen			
Delaware	200	35	1.00	38	38	3
United States	57,795	20.5	1.05	21.9	23.0	273
			Phosphorous			
Delaware	200	33	1.00	46	46	3
United States	57,795	27.2	1.02	45.0	45.9	722
			Potassium			
Delaware	200	47	1.00	97	97	9
United States	57,795	30.1	1.03	75.7	78.0	1,357

Soybeans: Frequency and Extent of Herbicide Usage 1990

Chlorimuron-ethyl						
Delaware	200	24	1.36	0.04	0.05	2
United States	57,795	20.1	1.05	0.03	0.03	297
Linuron						
Delaware	200	58	1.15	0.55	0.63	73
United States	57,795	5.6	1.03	0.61	0.63	2,032
Metolachlor						
Delaware	200	49	1.18	1.37	1.62	159
United States	57,795	9.7	1.01	1.74	1.76	9,858

Percent Probability Of Last 32 Degree F. Temperature Occurring On Or After Date In Spring

Station	10% 1 Yr. In 10	33% 1 Yr. In 3	50% 1 Yr. In 2	67% 2 Yrs. In 3	90% 9 Yrs. In 10
Wilmington	Apr 24	Apr 16	Apr 12	Apr 08	Mar 31
Newark	May 10	Apr 29	Apr 23	Apr 17	Apr 06
Dover	Apr 19	Apr 12	Apr 08	Apr 04	Mar 28
Georgetown	May 06	Apr 27	Apr 22	Apr 17	Apr 08

Percent Probability Of First 32 Degree F. Temperature Occurring on Or Before Date In Fall

Station	10% 1 Yr. In 10	33% 1 Yr. In 3	50% 1 Yr. In 2	67% 2 Yrs. In 3	90% 9 Yrs. In 10
Wilmington	Oct 15	Oct 24	Oct 29	Nov 03	Nov 12
Newark	Oct 05	Oct 15	Oct 20	Oct 25	Nov 03
Dover	Oct 14	Oct 22	Oct 27	Nov 01	Nov 09
Georgetown	Oct 02	Oct 11	Oct 16	Oct 21	Oct 30

Precipitation: Monthly And Annual By County & State, With Departures, Delaware[1] 1990

Month	New Castle		Kent		Sussex		State	
	Total Precip.	Departure Fr. Normal	Total Precip.	Departure Fr. Normal	Total Precip.	Departure Fr. Normal	Total Precip.	Departure Fr. Normal
January	4.41	+1.28	4.00	+0.76	3.16	-0.27	3.62	+0.30
February	1.67	-1.20	1.39	-1.47	1.93	-1.30	1.72	-1.34
March	2.38	-1.39	3.93	+0.06	3.50	-0.29	3.46	-0.35
April	3.78	+0.24	4.28	+1.07	3.39	+0.02	3.74	+0.39
May	7.93	+4.57	7.81	+4.31	7.21	+3.71	7.51	+4.03
June	4.37	+0.68	2.18	-1.43	1.62	-2.47	2.23	-1.64
July	4.24	+0.24	4.06	-0.21	6.63	+1.56	5.43	+0.78
August	6.53	+2.36	3.24	-1.88	7.16	+2.75	5.81	+1.21
September	2.73	-0.86	2.30	-1.84	2.67	-0.84	2.56	-1.16
October	2.49	-0.68	3.14	-0.42	3.16	-0.04	3.05	-0.26
November	2.01	-1.37	1.20	-2.33	1.88	-1.22	1.68	-1.60
December	5.55	+2.00	4.14	+0.61	3.46	-0.36	4.00	+0.32
Annual Total	48.09		41.67		45.77		44.81	
Departure From Normal		+5.87		-2.77		+1.25		+0.68

Temperatures: Monthly & Annual Average By County & State, With Departures, Delaware[1] 1990

Month	New Castle		Kent		Sussex		State	
	Average Temp.	Departure Fr. Normal	Average Temp.	Departure Fr. Normal	Average Temp.	Departure Fr. Normal	Average Temp.	Departure Fr. Normal
January	40.4	+8.8	42.5	+8.1	44.0	+10.3	43.0	+9.4
February	41.5	+8.0	45.0	+8.6	45.5	+9.5	44.7	+9.0
March	46.1	+4.1	47.8	+3.5	48.6	+4.8	48.0	+4.3
April	53.6	+0.9	54.8	+0.1	55.1	+1.3	54.8	+0.9
May	61.5	-0.9	61.9	-2.3	63.3	+0.3	62.6	-0.7
June	72.0	+0.8	71.9	-0.7	72.9	+1.5	72.4	+0.6
July	76.7	+1.0	79.0	+2.0	78.4	+2.5	78.3	+2.1
August	74.6	+0.1	76.8	+1.0	75.3	+0.5	75.7	+0.6
September	66.5	-1.3	68.8	-0.8	68.1	-0.5	68.1	-0.7
October	60.3	+3.9	63.6	+5.0	63.2	+5.6	62.9	+5.2
November	48.6	+2.8	51.0	+2.8	52.0	+4.2	51.2	+3.6
December	41.3	+5.6	44.2	+4.6	46.2	+7.4	44.8	+6.9
Annual Avg.	56.9		58.9		59.4		58.9	
Departure From Normal		+2.8		+2.7		+4.0		+3.4

[1]Source: National Climatic Data Center, National Oceanic & Atmospheric Administration.

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